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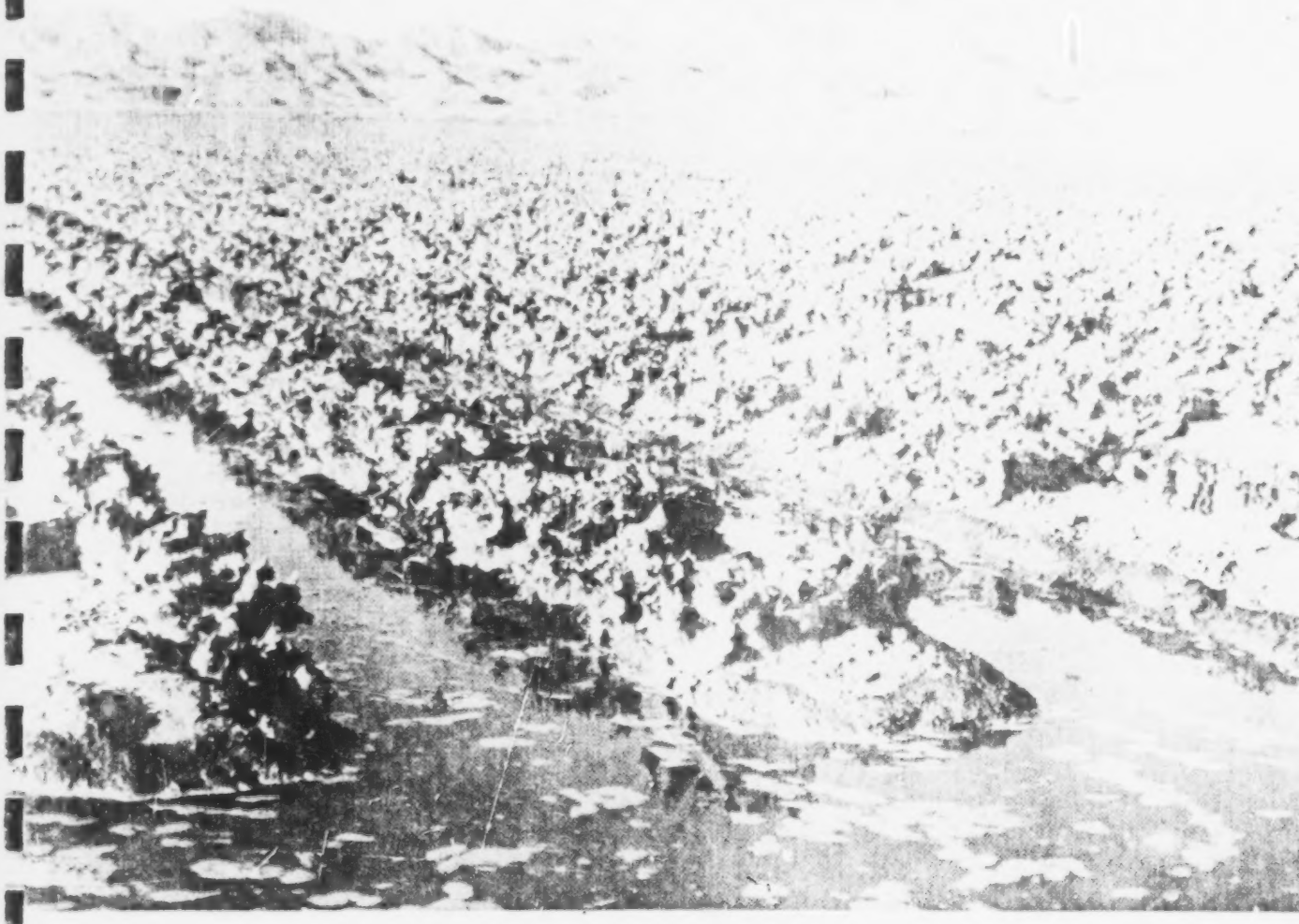
1981
ARIZONA AGRICULTURAL STATISTICS



Arizona Crop and Livestock Reporting Service

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ARIZONA COUNTIES

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INTRODUCTION

This seventeenth edition of "Arizona Agricultural Statistics" is another annual chapter in a continuing success story about our state's agriculture. It documents in statistical form the sustained and successful contribution of agriculture to the state's economy. Gross receipts of over $1.7 billion in 1981, an impressive figure for sure, do not even hint of the value added and compounded by the many industries and services that are related to agriculture in the state.

These numbers document Arizona's significant contributions to the Nation's agricultural economy which in turn is synonomous with our national heritage and well-being. Not only have so few kept us the best fed and clothed people on earth at a modest cost, their partnership with the soil has reached out to meet growing world needs. Substantial quantities of Arizona's annual production add to the favorable balance of trade that agriculture creates for the United States.

These statistics quantify our farmers' and ranchers' abilities to extract record amounts of renewable resources from our deserts - to harvest the often sparse browse of our higher elevations in the form of wholesome meats. These formal tables of numbers tell the silent success story of skill, management and sustained risk-taking.

The Arizona Crop and Livestock Reporting Service and the College of Agriculture are proud of our roles in telling agriculture's story statistically. We are also proud of our successful seventeen-year joint federal-state endeavor that this publication represents. By combining resources we are able to present one single comprehensive series of statistics to serve as the official measure for the state.

Farmers and livestock producers provide the bulk of raw data that form these numbers. Without question, their voluntary reporting has insured the continued success of the program. But we are also indebted to the cotton buyer, the fuel dealer, the feed store, the grain elevator, the sugar mill and countless others who help us relate the facts of how much farmers paid, what they received, how many they slaughtered.

"1981 Arizona Agricultural Statistics" contains data for the most recent years 1977-1981. Those desiring earlier years information should request a copy of the sixteenth edition which contains the years 1965-1980.

Jimmye S. Hillman, Head
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ARIZONA AGRICULTURAL STATISTICS

THE FOLLOWING REPORTS ARE AVAILABLE FROM
THE ARIZONA CROP AND LIVESTOCK REPORTING SERVICE

ARIZONA CROPS:

A 4-page monthly report issued about the 12th. Major topics included during the year are:

- --Field crops acreage, production, stocks
- --Fruit crops production
- --Vegetable acreage, production
- --Prices paid and received by farmers(duplicated in "Arizona Livestock")
- --Other crops related items

ARIZONA LIVESTOCK:

A 4-page monthly report issued about the 3rd. Major topics included during the year are:

- --Cattle and calf inventory
- --Cattle on feed
- --Livestock slaughter
- --Milk production
- --Hog and pig inventory
- --Sheep and lamb inventory
- --Prices paid and received by farmers(duplicated in "Arizona Crops")

WEEKLY WEATHER, CROP AND LIVESTOCK REPORT:

A 2-page release issued each Monday:

- --Temperature and precipitation, selected locations
- --State weather summary
- --Planting, harvesting progress
- --Crop development progress
- --Range and livestock conditions

ARIZONA AGRICULTURAL STATISTICS:

Annual summary bulletin of approximately 75 pages. Issued about June 1. Historical five year series for all major crops, livestock and related data by counties.

NUMBER OF FARMS AND RANCHES AND LAND IN FARMS AND RANCHES: Arizona and United States, 1978-82

Year	Arizona			United States		
	Farms and Ranches	Land in Farms and Ranches	Average Size of Farms and Ranches	Farms and Ranches	Land in Farms and Ranches	Average Size of Farms and Ranches
	Number	1,000 Acres	Acres	Number	1,000 Acres	Acres
1978	6,700	39,100	5,836	2,436,000	1,044,790	429
1979	6,800	39,000	5,735	2,430,000	1,043,195	429
1980	7,000	38,900	5,557	2,428,000	1,042,245	429
1981	7,500	39,000	5,200	2,436,000	1,044,700	429
1982	7,700	39,600	5,143	2,437,000	1,045,805	429

FARMS AND RANCHES AND LAND IN FARMS AND RANCHES: The total number of farms and ranches in Arizona has steadily increased over the last few years. This increase is due mainly to the increase in the number of mini-farms. A farm is defined as a place that sells or would normally sell $1,000 or more of agricultural products during a year. However, many of Arizona's "hobby" mini-farms are not included in the total as they do not qualify.

Total land in Arizona farms and ranches has tended to fluctuate over the last few years for two main reasons: The urbanization of old, established farm land and the conversion of raw desert land to new farmland. Arizona currently ranks number one in the nation in average size of farm while ranking eighth in total acres of all farm and ranch land.

NUMBER OF FARMS AND RANCHES AND LAND IN FARMS AND RANCHES 1/: Selected States 1978-82

State	Farms and Ranches					Land in Farms and Ranches					1982	
	1978	1979	1980	1981	1982 2/	1978	1979	1980	1981	1982 2/	Average Size of Farms & Ranches	Rank
	Number					1,000 Acres					Acres	
Arizona	6,700	6,800	7,000	7,500	7,700	39,100	39,000	38,900	39,000	39,600	5,143	1
California	79,000	79,000	80,000	83,000	84,000	34,000	33,900	33,900	34,000	34,200	407	19
Colorado	26,900	26,300	26,500	27,000	27,200	37,000	36,700	36,500	37,000	37,200	1,368	7
Idaho	23,900	24,000	24,100	24,000	23,900	15,400	15,400	15,400	15,100	15,100	632	14
Kansas	76,000	75,000	75,000	76,000	76,000	48,300	48,300	48,300	48,500	48,500	638	13
Montana	23,600	23,700	23,800	24,200	24,400	62,100	62,100	62,100	62,600	63,200	2,590	6
Nevada	2,900	2,900	2,900	3,100	3,100	8,990	8,990	8,990	8,900	8,900	2,871	5
New Mexico	13,000	13,300	13,500	14,000	14,000	46,800	46,800	46,800	47,700	47,700	3,407	4
Oklahoma	73,000	72,000	72,000	71,000	71,000	35,000	34,600	34,600	34,300	34,100	480	16
Oregon	32,000	34,000	35,000	36,500	38,000	18,300	18,200	18,100	18,200	18,300	482	15
Texas	185,000	185,000	186,000	186,000	186,000	139,000	138,900	138,800	138,500	138,400	744	11
Utah	12,900	13,000	13,000	13,000	12,900	12,600	12,600	12,600	12,400	12,300	953	10
Washington	36,000	37,000	38,000	39,500	40,000	16,100	16,100	16,100	16,400	16,500	413	18
Wyoming	8,900	9,000	9,100	9,300	9,400	35,000	35,000	35,100	35,300	35,500	3,777	2
UNITED STATES	2,436,250	2,429,960	2,427,830	2,435,810	2,437,039	1,044,790	1,043,195	1,042,245	1,044,700	1,045,805	429	--

1/ A farm is a place that sells or normally would sell $1,000 of agricultural produce.
2/ Preliminary

RANKING OF STATES PRODUCING MAJOR ARIZONA COMMODITIES: Based on production 1979-81

Commodity	First			Second			Third			Fourth			Fifth			Arizona			Number of States in Estimating Program
	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981	
All Cotton	TX	TX	TX	CA	CA	CA	MS	AZ	AZ	AZ	MS	MS	LA	LA	LA	4	3	3	17
Upland Cotton	TX	TX	TX	CA	CA	CA	MS	AZ	MS	AZ	MS	AZ	LA	LA	LA	4	3	4	17
American Pima Cotton	AZ	AZ	AZ	TX	TX	TX	NM	NM	NM	CA	CA					1	1	1	3
Alfalfa Hay	WI	WI	WI	IA	IA	IA	MN	CA	CA	CA	MN	MN	SD	NE	NE	25	22	25	43
All Wheat	KS	KS	ND	ND	OK	KS	OK	ND	TX	TX	WA	MT	WA	TX	OK	21	21	24	41
Durum Wheat	ND	ND	ND	MT	AZ	AZ	AZ	CA	CA	SD	MT	MT	CA	SD	SD	3	2	2	6
Other Wheat	KS	KS	KS	OK	OK	TX	TX	WA	OK	WA	TX	WA	NE	NE	MO	28	31	36	41
Barley	ND	ID	ND	ID	ND	ID	CA	CA	MN	MN	MT	MT	MT	MN	WA	16	13	15	29
Corn for Grain	IA	IA	IA	IL	IL	IL	NE	MN	NE	IN	NE	MN	MN	IN	IN	34	34	35	41
Sorghum for Grain	KS	TX	TX	TX	KS	KS	NE	NE	NE	MO	MO	MO	OK	OK	OK	15	14	18	23
Sugarbeets	CA	CA	CA	MN	MN	MN	ID	ID	ID	ND	ND	ND	MI	MI	MI	12	12	12	15
Potatoes	ID	ID	ID	WA	WA	WA	ME	ME	ME	OR	OR	OR	CA	CA	CA	25	23	23	38
Fresh Market Vegetables	CA	CA	CA	FL	FL	FL	TX	TX	TX	AZ	AZ	AZ	NY	NY	NY	4	4	4	36
Lettuce	CA	CA	CA	AZ	AZ	AZ	FL	FL	FL	CO	CO	CO	TX	TX	1/	2	2	2	13
Dry Onions	CA	CA	CA	TX	TX	OR	NY	OR	TX	OR	NY	NY	MI	CO	CO	11	11	11	15
Broccoli	CA	CA	CA	OR	TX	TX	AZ	OR	OR	TX	AZ	AZ				3	4	4	4
Carrots (Fresh)	CA	CA	CA	WA	TX	TX	TX	WA	WA	WI	WI	WI	MI	OR	MI	9	8	10	10
Cauliflower (Fresh)	CA	CA	CA	OR	OR	OR	NY	NY	NY	AZ	AZ	AZ	MI	TX	TX	4	4	4	6
Cantaloups	CA	CA	CA	TX	TX	TX	AZ	AZ	AZ	IN	IN	IN	GA	MI	GA	3	3	3	9
Honeydews	CA	CA	CA	TX	TX	TX	AZ	AZ	AZ							3	3	3	3
Watermelons	FL	FL	FL	TX	TX	TX	CA	CA	GA	GA	GA	CA	SC	SC	SC	7	10	10	15
All Oranges	FL	FL	FL	CA	CA	CA	TX	TX	TX	AZ	AZ	AZ				4	4	4	4
Grapefruit	FL	FL	FL	TX	TX	CA	CA	CA	TX	AZ	AZ	AZ				4	4	4	4
Lemons	CA	CA	CA	AZ	AZ	AZ										2	2	2	2
Tangerines	FL	FL	FL	CA	CA	CA	AZ	AZ	AZ							3	3	3	3
All Grapes	CA	CA	CA	NY	NY	WA	WA	WA	NY	MI	PA	PA	PA	MI	MI	6	6	6	10
All Cattle and Calves	TX	TX	TX	IA	IA	IA	NE	NE	IA	KS	KS	KS	OK	MO	OK	35	35	35	50
Cattle on Feed 2/	TX	TX	TX	NE	NE	NE	IA	IA	IA	KS	KS	KS	CO	CO	CO	8	8	9	23
Sheep and Lambs 2/	TX	TX	TX	CA	CA	CA	WY	WY	WY	CO	CO	SD	SD	SD	CO	12	12	12	41
Hogs and Pigs 3/	IA	IA	IA	IL	IL	IL	IN	MN	MN	MN	IN	NE	MO	NE	IN	30	29	29	50
All Chickens 4/	CA	CA	CA	GA	GA	GA	AK	AK	IN	PA	PA	AK	IN	IN	PA	44	44	44	50

1/ New York and New Mexico.
2/ January 1 following year inventory.
3/ December 1 inventory.
4/ Average number of hens and pullets of laying age, excluding commercial broilers.

CROP SUMMARY: Acreage harvested, production and value, Arizona and United States 1979-81

Crop	Acres harvested			Production				Value	
	1979	1980	1981	Unit	1979	1980	1981	1979	1980	1981
	1,000 Acres				1,000			1,000 Dollars		
ARIZONA										
All Cotton	619.1	591.1	632.6	Bales	1,347.0	1,426.3	1,613.0	450,888	509,721	440,241
Cottonseed	--	--	--	Tons	530	584	648	58,300	70,543	1/
Barley	43	50	43	Bu.	3,225	4,500	4,085	8,417	12,015	13,885
All Wheat	125	215	258	Bu.	9,540	17,200	21,844	34,961	69,852	91,413
Sorghum for Grain	25	26	26	Bu.	1,775	1,950	2,158	5,680	7,293	6,711
Sorghum for Silage	4	6	3	Tons	68	111	66	--	--	--
Sorghum for Forage	1	2	1	Tons	--	--	--	--	--	--
Corn for Grain	45	40	35	Bu.	5,175	4,000	4,556	16,250	15,600	14,105
Corn for Silage	12	14	18	Tons	264	294	378	--	--	--
Corn for Forage	2	1	2	--	--	--	--	--	--	--
Safflower	11.2	3.7	1.5	Tons	10.7	3.7	1.7	2,622	986	518
Sugarbeets	11.3	9.1	12.6	Tons	217	208	300	6,054	11,086	1/
Potatoes	6.2	8.4	5.2	Cwt.	1,302	1,270	1,456	5,729	6,699	10,993
All Hay	190	195	190	Tons	1,093	1,260	1,216	88,533	103,950	99,984
Broccoli	1.1	.8	.8	Cwt.	67	46	53	1,847	1,330	1,547
Cantaloups	9.1	6.5	5.2	Cwt.	1,245	907	858	17,661	14,244	14,571
Carrots	2.1	2.1	1.8	Cwt.	251	294	240	2,720	2,708	3,082
Cauliflower	2.2	2.2	2.2	Cwt.	189	219	243	5,674	9,008	8,753
Honeydews	1.6	1.6	2.3	Cwt.	264	240	345	2,272	2,299	4,589
All Lettuce	45.6	41.1	32.7	Cwt.	8,934	8,999	8,886	91,207	87,779	83,021
Dry Onions	1.6	1.4	1.1	Cwt.	536	623	512	4,816	5,874	8,704
Watermelons	6.3	3.4	3.6	Cwt.	841	572	679	3,568	3,632	5,418
Oranges	14.8	15.7	13.2	Ctn.	2,900	3,500	2,600	17,400	10,897	10,049
Grapefruit	8.9	8.4	8.1	Ctn.	2,250	3,000	2,800	6,503	7,770	10,976
Lemons	18.6	20.3	19.2	Ctn.	5,500	5,000	7,000	22,855	24,675	28,770
Tangerines	3.5	3.3	3.2	Ctn.	450	750	700	3,483	1,248	4,228
Grapes	3.1	3.2	3.5	Tons	13.5	12.4	12.4	12,955	14,508	15,376
UNITED STATES										
All Cotton	12,830.9	13,214.8	13,841.2	Bales	14,629.3	11,122.1	15,648.7	4,391,378	3,986,678	4,109,069
Cottonseed	--	--	--	Tons	5,778.3	4,470.5	6,253.9	697,617	573,928	1/
Barley	7,522	7,275	9,151	Bu.	382,798	360,956	478,301	871,807	1,022,030	1,168,659
All Wheat	62,454	70,984	80,948	Bu.	2,134,860	2,374,336	2,793,436	8,070,378	9,277,608	10,225,881
Sorghum for Grain	12,901	12,522	13,726	Bu.	808,862	579,197	880,266	1,879,823	1,696,008	2,032,034
Sorghum for Silage	764	732	757	Tons	9,015	7,092	9,139	--	--	--
Sorghum for Forage	1,211	1,410	1,081	Tons	--	--	--	--	--	--
Corn for Grain	72,400	73,030	74,624	Bu.	7,938,819	6,644,841	8,200,951	19,904,013	20,571,244	20,000,805
Corn for Silage	7,995	8,241	8,211	Tons	114,860	110,973	116,183	--	--	--
Corn for Forage	383	584	372	--	--	--	--	--	--	--
Safflower										
Sugarbeets	1,119.7	1,189.5	1,229.8	Tons	21,996	23,502	27,271	745,273	1,108,974	1/
Potatoes	1,270.3	1,154.4	1,231.6	Cwt.	342,487	302,657	333,682	1,172,123	1,978,956	1,786,281
All Hay	61,666	59,362	60,212	Tons	147,847	131,027	143,105	7,362,597	8,103,989	9,211,532
Broccoli	70,900	77,850	81,100	Cwt.	6,301	6,753	7,470	120,913	144,613	173,542
Cantaloups	92,220	87,850	86,400	Cwt.	12,421	12,242	13,346	139,847	166,800	188,070
Carrots	78,160	72,500	74,500	Cwt.	21,014	19,539	20,777	145,052	161,905	183,011
Cauliflower	42,750	43,320	44,120	Cwt.	4,117	4,255	4,902	81,121	95,762	118,570
Honeydews	20,500	17,700	19,100	Cwt.	3,477	3,180	3,649	37,761	42,864	56,187
All Lettuce	245,850	242,560	229,720	Cwt.	61,310	63,214	62,722	566,073	564,364	621,658
Dry Onions	123,910	112,960	111,630	Cwt.	38,602	33,476	35,242	237,432	340,539	472,106
Watermelons	205,300	184,500	202,800	Cwt.	24,076	22,716	26,076	109,541	149,757	158,923
Oranges	--	--	--	Ctn.	210,600	273,630	245,580	1,296,044	1,327,708	1,361,396
Grapefruit	--	--	--	Ctn.	67,380	71,200	67,860	231,616	302,683	323,901
Lemons	--	--	--	Ctn.	19,600	20,750	31,800	134,573	168,399	124,250
Tangerines	--	--	--	Ctn.	5,400	6,300	5,560	43,560	36,577	34,917
Grapes	--	--	--	Tons	4,989.0	5,595.1	4,428.6	1,179,238	1,338,361	1,233,742

1/ Not available.

LIVESTOCK SUMMARY: Inventory and value, Arizona and United States 1978-82

LIVESTOCK	INVENTORY 4/					VALUE 1/				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
	1,000 Head					1,000 Dollars				
ARIZONA										
Cattle: 2/										
Beef Cows	247	247	258	285	276					
Milk Cows	68	70	72	75	79					
Beef Cow replacement heifers	40	40	45	49	49					
Milk Cow replacement heifers	16	15	17	17	19					
Other Heifers	42	47	27	32	25					
Steers 500 lbs. and over	480	504	420	464	434					
Bulls 500 lbs. and over	27	25	24	28	26					
Heifers, steers and bulls under 500 lbs.	271	322	191	240	192					
ALL CATTLE AND CALVES	1,191	1,269	1,054	1,190	1,100	272,400	402,000	488,250	494,560	410,900
Cattle on Feed: 2/										
CATTLE ON FEED	422	490	420	401	139					
Hogs: 3/										
Breeding Hogs	18	19	23	21						
Market Hogs under 60 lbs.	59	52	52	57						
Market Hogs 60-119 lbs.	64	57	36	41						
Market Hogs 120-179 lbs.	38	26	35	33						
Market Hogs 180 lbs. and over	25	25	34	26						
ALL HOGS	144	149	180	178		10,296	8,866	11,880	12,669	
Sheep: 2/										
Stock Sheep-ewes one year and older	266	270	246	248	235					
Stock Sheep-rams and wethers one year and older	11	10	10	9	8					
Stock Sheep lambs-ewes	43	43	39	36	34					
Stock Sheep lambs-rams and wethers	18	17	20	20	23					
Sheep and lambs on feed	60	85	60	47	37					
ALL SHEEP AND LAMBS	400	425	385	372	337	17,200	24,447	26,373	20,274	25,636
UNITED STATES	1,000 Head					Million Dollars				
Cattle: 2/										
Beef Cows	36,738	37,062	37,086	38,726	39,364					
Milk Cows	10,996	10,790	10,779	10,860	10,998					
Beef Cow replacement heifers	5,858	5,527	5,939	6,136	6,623					
Milk Cow replacement heifers	3,886	3,932	4,158	4,345	4,536					
Other Heifers	7,949	7,445	7,136	7,286	7,187					
Steers 500 lbs. and over	16,868	16,442	16,049	15,519	15,509					
Bulls 500 lbs. and over	2,536	2,403	2,492	2,647	2,619					
Heifers, steers and bulls under 500 lbs.	29,643	27,263	27,590	28,904	28,862					
ALL CATTLE AND CALVES	116,375	110,864	111,192	114,321	115,691	37,030	44,698	55,831	54,292	47,479
Cattle on Feed: 2/										
CATTLE ON FEED	13,469	13,365	12,249	11,598	10,619					
Hogs: 3/										
Breeding Hogs	9,855	9,655	9,148	7,944						
Market Hogs under 60 lbs.	21,244	22,845	22,119	19,465						
Market Hogs 60-119 lbs.	15,805	15,437	13,982	12,924						
Market Hogs 120-179 lbs.	9,443	11,294	11,060	10,453						
Market Hogs 180 lbs. and over	4,979	8,133	8,243	8,005						
ALL HOGS	60,326	67,353	64,512	58,691		5,023	3,775	4,821	4,115	
Sheep: 2/										
Stock Sheep-ewes one year and older	8,589	8,366	8,524	8,771	8,911					
Stock Sheep-rams and wethers one year and older	374	380	366	370	394					
Stock Sheep lambs-ewes	1,508	1,684	1,807	1,788	1,819					
Stock Sheep lambs-rams and wethers	328	356	368	357	429					
Sheep and lambs on feed	1,623	1,579	1,622	1,649	1,564					
ALL SHEEP AND LAMBS	12,421	12,365	12,687	12,936	13,116	641	891	992	903	747

1/ Annual average value published for the total inventory numbers.
2/ Estimates are based on January 1 of the current year.
3/ Estimates are based on December 1 of the current year.
4/ Numbers may not add due to rounding.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS AND GOVERNMENT PAYMENTS: Arizona, 1976-1981, Preliminary

Commodity Group	1976	1977	1978	1979	1980	1981 1/
			1,000 Dollars			
Cotton Lint	244,652	274,813	292,431	392,849	427,767	
Cottonseed	32,672	29,792	37,303	39,852	49,327	
Feed Grains	29,047	30,212	22,936	23,969	24,947	
Hay	88,142	75,333	59,282	71,619	90,766	
Wheat	110,807	22,998	30,029	34,40[illegible]	65,015	
Sugarbeets	8,993	6,498	7,700	6,054	5,803	
Vegetables	111,989	127,575	173,638	182,503	159,188	
Citrus	27,347	88,110	48,105	64,161	38,214	
Grapes	8,939	10,438	13,428	12,490	14,426	
Other Miscellaneous Crops	40,858	41,351	74,689	64,102	62,047	
Total, All Crops	703,446	698,720	759,541	892,105	937,500	943,142
Cattle and Calves	407,761	371,833	629,086	602,250	600,696	
Sheep, Lambs & Wool	10,810	11,093	10,810	15,204	12,317	
Hogs	16,207	16,548	18,520	24,070	22,448	
Dairy Products	89,901	94,186	105,093	118,969	138,659	
Poultry & Eggs	5,990	5,805	4,731	6,032	4,463	
Other Livestock & Products	4,796	4,726	2,798	3,387	4,121	
Total, Livestock & Products	534,665	505,991	771,038	849,912	782,704	785,707
Total, All Commodities	1,238,111	1,104,711	1,530,579	1,742,017	1,720,204	1,728,849
Government Payments	2,578	4,713	9,172	9,072	5,081	
Total Cash Receipts	1,240,689	1,109,424	1,539,751	1,751,089	1,725,285	

1/ Only crop and livestock totals available.
Source: Cash receipts from Agricultural Marketings from Economic Research Service, U.S. Department of Agriculture and Government payments from Arizona State Office, Agricultural Stabilization and Conservation Service, U.S. Department of Agriculture.

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Crops, Arizona, by counties, 1976-80, Preliminary

County	1976	1977	1978	1979	1980
			1,000 Dollars		
Apache	6,503	5,981	11,961	9,210	7,062
Cochise	44,904	32,912	36,199	33,291	35,603
Coconino	10,459	9,330	17,554	13,272	10,783
Gila	623	1,119	966	868	949
Graham	17,045	17,723	17,396	19,287	22,978
Greenlee	2,651	2,506	3,156	2,208	2,488
Maricopa	269,784	271,636	293,466	343,469	368,930
Mohave	3,072	2,410	5,282	7,286	9,884
Navajo	3,644	6,504	6,215	5,649	5,312
Pima	28,858	26,478	20,245	19,418	19,564
Pinal	140,927	113,650	126,112	156,359	183,423
Santa Cruz	556	486	792	836	1,083
Yavapai	1,075	1,616	1,837	2,639	2,594
Yuma	173,345	164,369	218,360	278,293	266,847
Arizona	703,446	658,720	759,541	892,105	937,500

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Livestock and livestock products, Arizona, by counties, 1976-80, Preliminary

County	1976	1977	1978	1979	1980
			1,000 Dollars		
Apache	6,303	8,130	28,336	19,107	20,184
Cochise	18,819	22,440	45,090	28,106	27,115
Coconino	9,577	11,138	24,562	16,462	16,769
Gila	7,466	8,615	16,183	10,278	11,466
Graham	11,708	10,291	23,045	20,565	21,141
Greenlee	4,229	4,394	7,082	5,500	6,308
Maricopa	198,153	209,952	246,711	302,529	293,541
Mohave	11,147	12,617	23,488	13,854	14,379
Navajo	12,767	15,180	28,324	23,472	24,782
Pima	23,593	16,544	35,994	29,661	30,374
Pinal	162,133	124,777	169,211	239,661	184,553
Santa Cruz	4,662	5,500	9,473	5,938	5,692
Yavapai	14,678	17,380	35,155	20,799	22,947
Yuma	49,430	39,033	78,384	113,980	103,453
Arizona	534,665	505,991	771,038	849,912	782,704

CASH RECEIPTS FROM AGRICULTURAL MARKETINGS: Total crops and livestock, Arizona, by counties, 1976-80, (Preliminary)

County	1976	1977	1978	1979	1980
			1,000 Dollars		
Apache	12,806	14,111	40,297	28,717	27,240
Cochise	63,723	55,352	81,289	61,397	62,718
Coconino	20,036	20,466	42,116	29,734	27,592
Gila	8,089	9,734	17,149	11,164	12,415
Graham	28,753	29,014	40,441	39,852	44,119
Greenlee	6,880	6,900	10,238	7,708	8,796
Maricopa	467,937	483,588	540,177	645,398	682,471
Mohave	14,219	15,027	28,770	21,140	24,263
Navajo	16,411	21,684	34,539	29,121	30,294
Pima	52,451	43,022	56,239	49,079	49,978
Pinal	303,060	238,427	295,323	196,020	307,970
Santa Cruz	5,218	5,986	10,265	6,774	6,775
Yavapai	15,753	18,996	30,992	23,438	25,541
Yuma	222,775	203,402	296,744	332,273	370,800
Arizona	1,238,111	1,164,711	1,530,579	1,743,017	1,720,204

AGRICULTURAL GROSS INCOME, EXPENSES AND NET INCOME: Arizona, 1976-80

Year	Agricultural Cash Receipts 1/	Government Payments 2/	Non-Money Income 3/	Other Farm Income 4/	Gross Income 5/	Production Expenses 6/	Net Income Before Inventory Change 7/	Net Inventory Change 8/	Net Income After Inventory Change 9/
				Million Dollars					
1976	1,238.1	4.9	45.7	16.8	1,305.6	881.0	424.5	-27.9	396.7
1977 10/	1,137.1	4.7	47.4	17.4	1,206.5	997.1	209.4	90.4	299.8
1978	1,530.6	9.2	60.9	19.1	1,619.8	1,333.3	286.5	81.3	367.8
1979	1,742.0	9.1	74.0	23.3	1,848.4	1,408.7	439.7	- .1	439.6
1980	1,720.2	5.1	82.6	24.4	1,832.3	1,534.8	297.4	95.8	393.3

AGRICULTURAL PRODUCTION EXPENSES: Arizona, 1976-80

Year	Feed	Livestock	Seed 11/	Lime Fertilizer	Operation Repairs Capital Items 12/	Hired Labor 13/	Miscellaneous 14/	Total Current Farm Operating Expenses	Depreciation 15/	Farm Property Taxes	Interest, Farm Mortgage Debts	Net Rent To Nonoperator Landlords	Total Production Expenses
						Million Dollars							
1976	168.3	121.5	14.1	40.6	67.9	117.1	209.2	729.7	82.8	23.2	30.0	15.3	881.0
1977	184.4	172.3	13.9	41.9	60.0	128.5	198.5	799.5	107.6	26.6	32.7	30.6	997.1
1978	227.6	340.2	16.3	37.0	70.5	162.4	254.2	1,108.1	118.8	30.2	37.5	38.6	1,333.3
1979	240.9	282.4	18.3	48.1	88.6	155.6	326.6	1,152.0	135.4	32.6	44.7	44.1	1,408.7
1980	283.4	235.8	21.1	59.3	106.9	176.1	355.4	1,237.9	162.9	34.1	52.5	47.4	1,534.8

1/ Represents gross receipts from commercial market sales as well as loans (net of redemption) made or guaranteed by the Commodity Credit Corporation and other purchases under price support programs.
2/ Those payments made directly to farm producers in connection with farm programs.
3/ Includes the rental value of housing provided by farm dwellings and the value of farm products consumed directly in farm households.
4/ Includes cash income from such sources as recreation, machine hire, and custom work.
5/ Sum of agricultural cash receipts, government payments, non-money income, and other farm income.
6/ Costs incurred in farm production as defined for the sector. Includes current farm operating expenses for such items as wages paid to hired farm workers (in cash and in kind), outlays for repairs of farm equipment and operation of the farm, as well as purchases of oil, feed, and livestock. Overhead-type costs include charges for depreciation and other capital consumption, taxes on farm propert, and interest.
7/ Gross income minus production expenses.
8/ The estimated physical change in livestock and crops owned by farmers, valued at average prices prevailing during the year.
9/ Net income before inventory change minus net inventory change.
10/ Beginning with 1977, based on the 1974 census of agriculture definition of a farm, which is a farm with sales of $1,000 or more.
11/ Includes bulbs, plants and trees.
12/ Repairs and maintenance of buildings, repairs and operation of motor vehicles and other machinery, and petroleum fuel and oil used in the farm business.
13/ Includes cash wages, prequisites, and Social Security taxes paid by employers.
14/ Includes binding, cotton ginning, Federal crop insurance, containers, dairy supplies, electricity, greenhouse and nursery, grazing fee, harness and saddlery, net insurance premiums (fire, wind and crop hail), irrigation, livestock marketing service (excluding feed and transportation), milk hauling, miscellaneous hardware (including blacksmithing), machine hire and custom work, miscellaneous livestock and poultry supplies, pesticides, small tools, short term interest, telephones (business share), veterinarian services and medicines (including insemination), and other miscellaneous.
15/ Includes depreciation and accidental damage to farm buildings and depreciation of motor vehicles and other farm machinery and equipment.

Source: Economic Indicators of the Farm Sector, U.S.D.A. - E.R.S.

Field Crops Summary

WEATHER: Weather conditions during 1981 in Arizona were mostly ideal for all types of field activities in the major cropping areas. From January through March, temperatures averaged above normal with some January days as much as 15° - 18° above normal. Precipitation was intermittent through January and February and mostly in the mountains where snow levels dropped to around 4,500 feet. During March there was substantially more precipitation, but no significant delays in field activities resulted since heaviest amounts were limited to the central and eastern mountains.

During the April through June period,overall temperatures averaged mostly above normal, however, most of May was at or slightly below normal. Temperatures hit the 100 degree mark the last week in April, cooled off during May and by the end of June were in the 115° to 120° range. Rain and snow showers occurred frequently during April, May and parts of June, however, these were again restricted to the eastern two thirds of the State, mostly in the mountain regions. Conditions in the cropping areas during June were mostly hot and dry.

July, August and September were mostly hot and humid. Scattered, sometimes heavy, rain fell over the mountains in the eastern two thirds of the State on a regular basis. In July some flash flooding occurred in some of the higher elevations. In late August there were record breaking high temperatures while in September there were several short periods of below normal temperatures. The western area of the State received heavy rainfall in early September with some local flooding in northern Yuma County and parts of Mohave County. Scattered light to heavy showers occurred over most of the State in late September.

A cooling trend during October dropped temperatures below normal for the entire month. During the third week temperatures fell to near 13° below normal. The heavy rains in early October tapered off to scattered showers and these were confined to the mountains. November was mostly warm and dry until late in the month when a wet, cold front moved across the State bringing widespread, sometimes heavy, showers and colder temperatures. Snow levels dropped to around 5,000 feet with snowfall up to 15 inches at the higher elevations. It warmed up the first week of December and remained mostly warm the balance of the month. Only a few isolated rain and snow showers occurred and these were mostly in the central and eastern mountains.

CROPS: Growing conditions during the winter quarter, January, February and March, were generally excellent for all vegetable crops, dry onions, potatoes, small grains and sugarbeets. From February through April land preparations and planting for the 1981 cotton crop were in full swing with very little interruption due to inclement weather. Very little, if any, replanting of cotton was required as April through June temperatures were above normal and excellent for germinating cotton seed. Growers planted 600,000 acres of upland cotton, harvested 599,000 acres and produced 1,556,000 bales, a new record upland cotton crop.

During May, June and early July growers harvested 258,000 acres of durum and other wheat, an acreage total third only to the unusually large crops of 1975 and 1976. With only a few exceptions temperatures through the summer were mostly above average and weather conditions were very good for harvest of sugarbeets, sorghum, alfalfa and melon crops.

Late summer and early fall weather conditions remained generally excellent for cotton. Growers continued to irrigate and hold off defoliation longer than normal to produce that bonus "top crop". Poor market conditions during cotton harvest wiped out any prospects of a reasonable return to growers. Late fall also saw land preparations and plantings of small grains get underway. By the end of the year early plantings were up to good stand and growing well.

COTTON, UPLAND: Acreage, yield and production, Arizona, by counties, 1977-81 1/

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1977	*				1977	33,600	33,400	602	41,900
1978	*				1978	33,500	33,000	542	37,250
1979	*				1979	32,100	30,100	435	27,300
1980	*				1980	27,300	26,800	627	35,000
1981	*				1981	35,700	35,200	682	50,000
COCONINO					GILA				
1977	*				1977	*			
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
GRAHAM					GREENLEE				
1977	12,000	11,900	778	19,300	1977	1,000	1,000	840	1,750
1978	11,000	11,000	720	16,500	1978	1,200	1,200	640	1,600
1979	14,200	14,000	720	21,000	1979	1,300	1,300	480	1,300
1980	11,800	11,700	1,050	25,600	1980	750	750	704	1,100
1981	16,600	16,500	954	32,800	1981	900	900	907	1,700
MARICOPA					MOHAVE				
1977	222,800	221,900	1,078	498,400	1977	3,200	3,200	908	6,050
1978	226,000	225,000	1,083	507,800	1978	3,900	3,900	622	5,050
1979	242,000	241,000	1,170	587,200	1979	6,000	5,800	737	8,900
1980	228,000	227,800	1,275	605,200	1980	5,950	5,950	904	11,200
1981	239,600	239,400	1,390	693,500	1981	6,500	6,500	849	11,500
NAVAJO					PIMA				
1977	*				1977	23,200	23,100	711	34,200
1978	*				1978	17,000	17,000	700	24,800
1979	*				1979	21,400	21,000	798	34,900
1980	*				1980	17,900	17,900	847	31,600
1981	*				1981	19,800	19,800	812	33,500

COTTON, UPLAND: Acreage, yield and production, Arizona, by counties, 1977-81 1/ (cont'd)

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
PINAL					SANTA CRUZ				
1977	125,500	125,100	1,049	273,300	1977	*			
1978	153,500	153,000	854	272,300	1978	*			
1979	159,500	158,800	1,056	349,500	1979	*			
1980	150,200	150,100	1,186	370,900	1980	*			
1981	153,700	153,600	1,372	439,000	1981	*			
YAVAPAI					YUMA				
1977	*				1977	95,600	95,300	982	195,000
1978	*				1978	93,900	93,900	1,036	202,700
1979	*				1979	103,500	103,000	1,165	249,900
1980	*				1980	108,100	108,000	1,215	273,400
1981	*				1981	127,200	127,100	1,110	294,000

1/ Production estimates are for 480 pound net weight bales.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

COTTON, UPLAND: Acreage, yield, production and value, Arizona, 1977-81 1/

Year	Planted	Harvested	Yield Per Harvested Acre	Lint		
				Production	Price Per Lb. 2/	Value
	1,000 Acres		Lbs.	1,000 Bales	Cents	1,000 Dol.
1977	517.0	515.0	997	1,070.0	56.1	288,130
1978	540.0	538.0	953	1,068.0	57.4	294,255
1979	580.0	575.0	1,069	1,280.0	68.1	418,406
1980	550.0	549.0	1,182	1,354.0	74.2	482,241
1981	600.0	599.0	1,247	1,556.0	55.7	416,012

1/ Production estimates are for 480 pound net weight bales.
2/ Average price for the marketing season.

COTTON, AMERICAN PIMA: Acreage, yield and production, Arizona, by counties, 1977-81 1/

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1977	*				1977	3,750	3,750	724	5,650
1978	*				1978	3,200	3,200	563	3,750
1979	*				1979	4,200	4,150	397	3,430
1980	*				1980	5,150	5,050	542	5,700
1981	*				1981	1,000	900	480	900
COCONINO					GILA				
1977	*				1977	*			
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
GRAHAM					GREENLEE				
1977	10,400	10,300	684	14,700	1977	*			
1978	8,600	8,500	707	12,500	1978	*			
1979	9,950	9,900	542	11,170	1979	*			
1980	7,300	7,250	761	11,500	1980	*			
1981	6,550	6,550	685	9,350	1981	*			
MARICOPA					MOHAVE				
1977	9,450	9,450	785	15,450	1977	*			
1978	5,400	5,400	861	9,700	1978	*			
1979	9,650	9,600	995	19,890	1979	*			
1980	11,500	11,500	902	21,600	1980	*			
1981	11,600	11,600	852	20,600	1981	*			
NAVAJO					PIMA				
1977	*				1977	4,450	4,450	570	5,300
1978	*				1978	2,500	2,500	595	3,100
1979	*				1979	3,150	3,150	568	3,730
1980	*				1980	2,350	2,350	715	3,500
1981	*				1981	2,150	2,150	424	1,900

COTTON, AMERICAN PIMA: Acreage, yield and production, Arizona, by counties, 1977-81 1/ (cont'd)

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
PINAL					SANTA CRUZ				
1977	9,250	9,250	792	15,250	1977	*			
1978	7,300	7,300	776	11,800	1978	*			
1979	9,650	9,600	800	15,990	1979	*			
1980	9,350	9,300	929	18,000	1980	*			
1981	6,150	6,150	874	11,200	1981	*			
YAVAPAI					YUMA				
1977	*				1977	5,100	5,100	816	8,650
1978	*				1978	7,300	7,300	845	12,850
1979	*				1979	6,900	6,900	890	12,790
1980	*				1980	6,650	6,650	866	12,000
1981	*				1981	6,300	6,250	749	9,750

1/ Production estimates are for 480 pound net weight bales.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

COTTON, AMERICAN PIMA: Acreage, yield, production and value, Arizona, 1977-81 1/

Year	Planted	Harvested	Yield Per Harvested Acre	Lint		
				Production	Price Per Lb. 2/	Value
	1,000 Acres		Lbs.	1,000 Bales	Cents	1,000 Dol.
1977	42.4	42.3	738	65.0	88.6	27,643
1978	34.3	34.2	754	53.7	91.0	23,456
1979	43.5	43.3	743	67.0	101.0	32,482
1980	42.3	42.1	824	72.3	108.0	37,480
1981	33.8	33.6	767	53.7	94.0	24,229

1/ Production estimates are for 480 pound net weight bales.
2/ Average price for the marketing season.

COTTON, ALL: Acreage, yield and production, Arizona, by counties, 1977-81 1/

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
APACHE					COCHISE				
1977	*				1977	37,350	37,150	614	47,550
1978	*				1978	36,700	36,200	544	41,000
1979	*				1979	35,300	34,250	431	30,730
1980	*				1980	32,450	31,850	613	40,700
1981	*				1981	36,700	36,100	677	50,900
COCONINO					GILA				
1977	*				1977	*			
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
GRAHAM					GREENLEE				
1977	22,400	22,200	735	34,000	1977	1,000	1,000	840	1,750
1978	19,600	19,500	714	29,000	1978	1,200	1,200	640	1,600
1979	24,150	23,900	646	32,170	1979	1,300	1,300	480	1,300
1980	19,100	18,950	940	37,100	1980	750	750	704	1,100
1981	23,150	23,050	878	42,150	1981	900	900	907	1,700
MARICOPA					MOHAVE				
1977	232,250	231,350	1,066	513,853	1977	1,200	3,200	908	6,050
1978	231,400	230,400	1,078	517,500	1978	1,900	1,900	622	5,050
1979	251,650	250,500	1,163	607,090	1979	6,000	5,800	737	8,900
1980	239,500	239,300	1,257	626,800	1980	5,950	5,950	904	11,200
1981	251,250	251,000	1,306	714,100	1981	6,500	6,500	849	11,500
NAVAJO					PIMA				
1977	*				1977	27,650	27,550	688	39,500
1978	*				1978	19,500	19,500	687	27,900
1979	*				1979	24,350	24,150	768	38,630
1980	*				1980	20,250	20,250	832	35,100
1981	*				1981	21,950	21,950	774	35,400

COTTON, ALL: Acreage, yield and production, Arizona, by counties, 1977-81 1/ (cont'd)

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Lbs.	Bales		Acres		Lbs.	Bales
PINAL					SANTA CRUZ				
1977	134,750	134,350	1,031	288,550	1977	*			
1978	160,800	160,300	851	284,100	1978	*			
1979	169,150	168,400	1,042	365,490	1979	*			
1980	159,550	159,400	1,171	388,900	1980	*			
1981	159,850	159,750	1,353	450,200	1981	*			
YAVAPAI					YUMA				
1977	*				1977	100,700	100,400	974	203,650
1978	*				1978	101,200	101,200	1,022	215,550
1979	*				1979	110,400	109,900	1,147	262,690
1980	*				1980	114,750	114,650	1,195	285,400
1981	*				1981	133,500	133,350	1,093	303,750

1/ Production estimates are for 480 pound net weight bales.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

COTTON, ALL AND COTTONSEED: Acreage, yield, production and value, Arizona, 1977-81 1/

Year	LINT					COTTONSEED		
	Planted	Harvested	Yield Per Harvested Acre	Production	Value of Production	Production	Season Average Price 2/	Value of Production
	1,000 Acres		Lbs.	1,000 Bales	1,000 Dol.	1,000 Tons	Dol./Ton	1,000 Dol.
1977	559.4	557.3	978	1,135.0	315,773	445	75.00	33,375
1978	574.3	572.2	941	1,121.7	317,711	450	102.00	45,900
1979	623.5	618.3	1,046	1,347.0	450,838	530	110.00	58,300
1980	592.3	591.1	1,158	1,426.3	509,721	583	121.00	70,543
1981	633.8	632.6	1,221	1,609.7	440,241	648	3/	3/

1/ Production estimates are for 480 pound net weight bales.
2/ Average price for the marketing season.
3/ Not available.

ALFALFA HAY 1/: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1977	2,300	3.0	6,900	1977	9,000	6.5	58,100
1978	1,600	3.1	5,000	1978	9,000	6.4	58,000
1979	1,500	3.0	4,500	1979	8,000	6.4	51,000
1980	1,600	2.7	4,300	1980	10,000	6.0	60,000
1981	1,900	3.2	6,100	1981	10,500	6.4	67,600
COCONINO				GILA			
1977	300	4.7	1,400	1977	500	2.0	1,000
1978	400	5.0	2,000	1978	500	2.0	1,000
1979	300	5.0	1,500	1979	400	3.0	1,200
1980	500	4.6	2,300	1980	400	3.0	1,200
1981	500	4.8	2,400	1981	100	4.0	400
GRAHAM				GREENLEE			
1977	6,300	6.0	38,000	1977	1,700	6.5	11,000
1978	6,500	6.5	42,000	1978	1,500	6.0	9,000
1979	6,600	5.8	38,500	1979	1,000	5.0	5,000
1980	7,500	6.3	47,000	1980	1,000	5.5	5,500
1981	6,000	6.1	36,800	1981	900	5.9	5,300
MARICOPA				MOHAVE			
1977	68,000	7.5	509,000	1977	4,500	6.0	27,000
1978	60,000	6.3	378,000	1978	3,500	6.6	23,000
1979	57,000	6.4	365,000	1979	3,000	7.0	21,000
1980	55,000	7.4	406,000	1980	3,200	6.8	21,800
1981	51,000	7.5	382,500	1981	4,000	6.4	25,400
NAVAJO				PIMA			
1977	4,700	3.5	16,400	1977	2,000	6.0	12,000
1978	5,000	3.0	15,000	1978	2,000	5.5	11,000
1979	4,900	3.0	14,700	1979	1,900	6.0	11,400
1980	5,000	3.5	17,500	1980	2,000	5.5	11,000
1981	4,800	3.2	15,500	1981	1,400	5.9	8,200

1/ Does not include green chop or grazed.

ALFALFA HAY 1/: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
PINAL				SANTA CRUZ			
1977	12,000	6.5	78,000	1977	900	5.6	5,000
1978	15,000	5.3	80,000	1978	1,000	5.0	5,000
1979	14,000	6.2	87,000	1979	1,200	6.0	7,200
1980	15,000	6.4	95,500	1980	1,300	4.9	6,400
1981	13,500	6.4	86,600	1981	1,500	4.9	7,300
YAVAPAI				YUMA			
1977	1,800	4.0	7,200	1977	59,000	6.0	354,000
1978	2,000	4.0	8,000	1978	62,000	7.0	434,000
1979	2,200	5.0	11,000	1979	58,000	7.0	405,000
1980	2,500	4.2	10,500	1980	60,000	7.8	466,000
1981	2,900	4.2	12,200	1981	61,000	7.6	463,700

1/ Does not include green chop or grazed.

ALFALFA HAY 1/: Acreage, yield and production, Arizona, 1977-81

Year	Harvested	Yield Per Harvested Acre	Production
	1,000 Acres	Tons	1,000 Tons
1977	173	6.5	1,125
1978	170	6.3	1,071
1979	160	6.4	1,024
1980	165	7.0	1,155
1981	160	7.0	1,120

1/ Does not include green chop.

OTHER HAY 1/: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1977	3,900	1.8	7,000	1977	2,100	2.3	4,800
1978	3,500	1.8	6,200	1978	1,500	1.6	2,400
1979	3,200	1.5	4,800	1979	1,400	1.8	2,500
1980	3,000	2.3	6,800	1980	800	5.4	4,300
1981	2,000	2.3	4,600	1981	1,000	3.6	3,600
COCONINO				GILA			
1977	500	2.2	1,100	1977	500	1.6	800
1978	500	1.8	900	1978	500	1.6	800
1979	600	2.2	1,300	1979	400	1.5	600
1980	800	2.9	2,300	1980	300	1.7	500
1981	600	2.7	1,600	1981	500	2.2	1,100
GRAHAM				GREENLEE			
1977	1,200	2.2	2,600	1977	600	2.2	1,300
1978	1,000	1.8	1,800	1978	600	1.8	1,100
1979	900	1.8	1,600	1979	500	2.0	1,000
1980	1,000	3.3	3,300	1980	*		
1981	900	3.7	3,300	1981	200	2.0	400
MARICOPA				MOHAVE			
1977	10,000	2.6	26,000	1977	600	2.2	1,300
1978	9,000	2.4	21,300	1978	300	1.7	500
1979	9,200	2.7	24,600	1979	500	2.0	1,000
1980	9,000	4.4	40,000	1980	500	2.4	1,200
1981	7,900	3.7	27,400	1981	500	2.2	1,100
NAVAJO				PIMA			
1977	1,000	1.6	1,600	1977	400	3.0	1,200
1978	1,200	1.5	1,800	1978	400	2.5	1,000
1979	1,500	1.5	2,300	1979	500	2.4	1,200
1980	1,500	2.3	3,400	1980	500	4.0	2,000
1981	1,600	2.0	3,200	1981	500	3.2	1,600

1/ Does not include green chop or grazed.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

OTHER HAY 1/: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
PINAL				SANTA CRUZ			
1977	1,600	2.5	4,000	1977	700	1.9	1,300
1978	2,000	2.0	4,000	1978	500	1.6	800
1979	2,500	2.3	5,700	1979	400	2.0	800
1980	3,000	3.7	11,000	1980	600	2.3	1,400
1981	2,500	3.4	8,400	1981	1,000	2.1	2,100
YAVAPAI				YUMA			
1977	2,600	1.7	4,400	1977	6,300	3.1	19,600
1978	2,500	1.8	4,400	1978	6,500	2.9	19,000
1979	2,300	2.0	4,600	1979	6,100	2.8	17,000
1980	2,000	2.9	5,800	1980	7,000	3.3	23,000
1981	2,200	2.1	4,600	1981	9,000	3.7	33,000

1/ Does not include green chop or grazed.

OTHER HAY 1/: Acreage, yield and production, Arizona, 1977-81

Year	Harvested	Yield Per Harvested Acre	Production
	1,000 Acres	Tons	1,000 Tons
1977	32	2.4	77
1978	30	2.2	66
1979	30	2.3	69
1980	30	3.5	105
1981	30	3.2	96

1/ Does not include green chop or grazed.

ALL HAY 1/: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
APACHE				COCHISE			
1977	6,200	2.24	13,900	1977	11,100	5.67	62,900
1978	5,100	2.20	11,200	1978	10,500	5.75	60,400
1979	4,700	1.98	9,300	1979	9,400	5.69	53,500
1980	4,600	2.41	11,100	1980	10,800	5.95	64,300
1981	3,900	2.74	10,700	1981	11,500	6.19	71,200
COCONINO				GILA			
1977	800	3.13	2,500	1977	1,000	1.80	1,800
1978	900	3.22	2,900	1978	1,000	1.80	1,800
1979	900	3.11	2,800	1979	800	2.25	1,800
1980	1,300	3.54	4,600	1980	700	2.43	1,700
1981	1,100	3.64	4,000	1981	600	2.50	1,500
GRAHAM				GREENLEE			
1977	7,500	5.41	40,600	1977	2,300	5.35	12,300
1978	7,500	5.84	43,800	1978	2,100	4.81	10,100
1979	7,500	5.35	40,100	1979	1,500	4.00	6,000
1980	8,500	5.92	50,300	1980	1,000	5.50	5,500
1981	6,900	5.81	40,100	1981	1,100	5.18	5,700
MARICOPA				MOHAVE			
1977	78,000	6.86	535,000	1977	5,100	5.55	28,300
1978	69,000	5.79	399,300	1978	3,800	6.18	23,500
1979	66,200	5.89	389,600	1979	3,500	6.29	22,000
1980	64,000	6.97	446,000	1980	3,700	[illegible]2	23,000
1981	58,500	7.01	409,900	1981	4,500	5.89	26,500
NAVAJO				PIMA			
1977	5,700	3.16	18,000	1977	2,400	5.50	13,200
1978	6,200	2.71	16,800	1978	2,400	5.00	12,000
1979	6,400	2.66	17,000	1979	2,400	5.25	12,600
1980	6,500	3.22	20,900	1980	2,500	5.20	13,000
1981	6,400	2.92	18,700	1981	1,900	5.16	9,800

1/ Does not include green chop or grazed.

ALL HAY 1/: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Tons	Tons		Acres	Tons	Tons
PINAL				SANTA CRUZ			
1977	13,600	6.03	82,000	1977	1,600	3.94	6,300
1978	17,000	4.94	84,000	1978	1,500	3.87	5,800
1979	16,500	5.62	92,700	1979	1,600	5.00	8,000
1980	18,000	5.92	106,500	1980	1,900	4.11	7,800
1981	16,000	5.94	95,000	1981	2,500	3.76	9,400
YAVAPAI				YUMA			
1977	4,400	2.64	11,600	1977	65,300	5.73	373,600
1978	4,500	2.76	12,400	1978	68,500	6.61	453,000
1979	4,500	3.47	15,600	1979	64,100	6.58	422,000
1980	4,500	3.62	16,300	1980	67,000	7.3	489,000
1981	5,100	3.29	16,800	1981	70,000	7.10	496,700

1/ Does not include green chop or grazed.

ALL HAY 1/: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Harvested	Yield Per Harvested Acre	Production	Season Average Price 2/	Value of Production
	1,000 Acres	Tons	1,000 Tons	Dol./Ton	1,000 Dol.
1977	205	5.86	1,202	65.80	79,130
1978	200	5.69	1,137	69.50	79,039
1979	190	5.75	1,093	81.90	89,534
1980	195	6.40	1,260	82.50	103,950
1981	190	6.40	1,216	74.00	89,984

1/ Does not include green chop or grazed.
2/ Average price for the marketing season.

DURUM WHEAT: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1977	*				1977	3,000	2,600	4,020	5,230
1978	*				1978	2,000	2,000	3,960	3,960
1979	*				1979	2,000	2,000	4,200	4,200
1980	*				1980	1,500	1,400	4,500	3,150
1981	*				1981	1,000	1,000	5,520	2,760
COCONINO					GILA				
1977	*				1977	*			
1978	*				1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	300	300	3,960	590
GRAHAM					GREENLEE				
1977	1,500	1,200	3,900	2,340	1977	400	300	3,600	540
1978	1,000	1,000	3,840	1,920	1978	500	500	3,540	880
1979	1,000	1,000	3,960	1,980	1979	*			
1980	1,500	1,400	4,320	3,020	1980	*			
1981	1,500	1,400	5,230	3,660	1981	200	200	5,160	520
MARICOPA					MOHAVE				
1977	30,000	28,000	4,320	60,480	1977	*			
1978	34,000	32,000	4,260	68,160	1978	*			
1979	24,000	22,700	4,440	50,390	1979	1,000	1,000	3,000	1,500
1980	91,000	88,000	4,880	214,980	1980	1,000	1,000	3,600	1,800
1981	120,000	119,600	5,370	321,000	1981	5,000	5,000	4,800	12,000
NAVAJO					PIMA				
1977	*				1977	5,000	4,800	4,680	11,220
1978	*				1978	2,500	2,500	4,500	5,630
1979	*				1979	2,000	1,800	4,320	3,890
1980	*				1980	3,000	2,900	4,260	6,180
1981	*				1981	4,000	4,000	4,860	9,720

DURUM WHEAT: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
PINAL					SANTA CRUZ				
1977	42,000	41,000	4,200	86,100	1977	*			
1978	40,000	39,000	4,140	80,730	1978	*			
1979	31,000	28,500	4,320	61,610	1979	*			
1980	50,000	48,500	4,600	111,570	1980	*			
1981	71,000	70,700	4,670	165,000	1981	*			
YAVAPAI					YUMA				
1977	*				1977	7,000	7,000	5,000	17,510
1978	*				1978	15,000	14,000	4,260	29,820
1979	*				1979	14,000	13,000	5,220	33,930
1980	*				1980	12,000	11,800	5,300	31,300
1981	*				1981	13,000	12,800	5,150	33,000

1/ Converted from 60 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DURUM WHEAT: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted For All Purposes	FOR GRAIN				
		Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1977	89	85	4,320	183,600	91.30	16,769
1978	95	91	4,200	191,100	94.70	18,091
1979	75	70	4,500	157,500	128.00	20,160
1980	160	155	4,800	372,000	139.00	51,708
1981	216	215	5,100	548,250	145.00	79,496

1/ Average price for the marketing season.
2/ Converted from 60 pound bushels and rounded.

OTHER WHEAT: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1977	*				1977	2,800	2,500	3,960	4,950
1978	*				1978	1,900	1,800	3,720	3,350
1979	200	*			1979	2,500	2,000	3,780	3,780
1980	300	*			1980	2,000	1,800	4,710	4,240
1981	200	*			1981	1,800	1,800	4,920	4,430
COCONINO					GILA				
1977	*				1977	*			
1978	*				1978	*			
1979	800	*			1979	*			
1980	1,700	1,500	3,720	2,790	1980	*			
1981	1,000	800	3,900	1,560	1981	*			
GRAHAM					GREENLEE				
1977	1,500	1,300	4,020	2,610	1977	500	500	3,720	930
1978	1,100	1,000	3,900	1,950	1978	500	500	3,660	920
1979	1,500	1,400	3,960	2,770	1979	500	300	3,000	450
1980	5,000	4,600	4,500	10,350	1980	1,000	1,000	4,320	2,160
1981	3,000	2,800	5,400	7,560	1981	800	800	4,860	1,940
MARICOPA					MOHAVE				
1977	17,000	16,500	4,320	35,640	1977	700	600	2,770	830
1978	9,000	8,900	4,260	18,960	1978	2,000	2,000	2,820	2,820
1979	11,000	10,800	4,440	23,980	1979	4,000	3,500	3,600	6,300
1980	10,000	9,000	4,860	21,870	1980	4,000	3,700	3,900	7,210
1981	6,000	5,700	5,700	16,250	1981	500	500	4,200	1,050
NAVAJO					PIMA				
1977	600	500	3,120	780	1977	1,000	1,000	4,020	2,010
1978	600	500	3,000	750	1978	900	900	3,180	1,430
1979	700	500	3,000	750	1979	1,000	800	4,200	1,680
1980	1,000	800	3,120	1,250	1980	500	300	4,320	650
1981	900	700	2,280	800	1981	700	600	4,560	1,370

OTHER WHEAT: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
PINAL					SANTA CRUZ				
1977	10,000	9,500	4,200	19,950	1977	*			
1978	9,000	7,700	4,320	16,632	1978	*			
1979	12,000	11,700	4,640	27,144	1979	1,000	*		
1980	16,000	15,000	4,560	34,200	1980	500	400	3,900	780
1981	10,000	9,500	5,100	24,220	1981	300	300	4,300	645
YAVAPAI					YUMA				
1977	700	600	3,000	900	1977	23,000	22,000	4,360	50,200
1978	600	600	2,280	680	1978	24,000	23,000	4,440	51,060
1979	1,000	700	3,000	1,050	1979	23,800	23,300	5,220	60,810
1980	1,000	900	2,400	1,080	1980	22,000	21,000	5,470	57,420
1981	800	600	2,400	720	1981	19,000	18,900	4,930	46,560

1/ Converted from 60 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant publication of data or not published to avoid disclosing individual operations.

OTHER WHEAT: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted For All Purposes	FOR GRAIN				
		Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1977	58	55	4,320	118,800	85.70	10,177
1978	50	47	4,200	98,700	104.00	10,265
1979	60	55	4,680	128,700	115.00	14,801
1980	65	60	4,800	144,000	126.00	18,144
1981	45	43	4,980	107,070	130.00	13,919

1/ Average price for marketing season.
2/ Converted from 60 pound bushels and rounded.

ALL WHEAT: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1977	*				1977	5,800	5,100	3,990	10,180
1978	*				1978	3,900	3,800	3,850	7,310
1979	200	*			1979	4,500	4,000	3,990	7,980
1980	300	*			1980	3,500	3,200	4,620	7,390
1981	200	*			1981	2,800	2,800	5,140	7,190
COCONINO					GILA				
1977	*				1977	*			
1978	*				1978	*			
1979	800	*			1979	*			
1980	1,700	1,500	3,720	2,790	1980	*			
1981	1,000	800	3,900	1,560	1981	300	300	3,960	590
GRAHAM					GREENLEE				
1977	3,000	2,500	3,960	4,950	1977	900	800	3,680	1,470
1978	2,100	2,000	3,870	3,870	1978	1,000	1,000	3,600	1,800
1979	2,500	2,400	3,960	4,750	1979	500	300	3,000	450
1980	6,500	6,000	4,460	13,370	1980	1,000	1,000	4,320	2,160
1981	4,500	4,200	5,340	11,220	1981	1,000	1,000	4,920	2,460
MARICOPA					MOHAVE				
1977	47,000	44,500	4,320	96,120	1977	700	600	2,770	830
1978	43,000	40,900	4,260	87,120	1978	2,000	2,000	2,820	2,820
1979	35,000	33,500	4,440	74,370	1979	5,000	4,500	3,470	7,800
1980	101,000	97,000	4,880	236,850	1980	5,000	4,700	3,830	9,010
1981	126,000	125,300	5,380	337,250	1981	5,500	5,500	4,750	13,050
NAVAJO					PIMA				
1977	600	500	3,120	780	1977	6,000	5,800	4,560	13,230
1978	600	500	3,000	750	1978	3,400	3,400	4,150	7,060
1979	700	500	3,000	750	1979	3,000	2,600	4,280	5,570
1980	1,000	800	3,120	1,250	1980	3,500	3,200	4,270	6,830
1981	900	700	2,280	800	1981	4,700	4,600	4,820	11,090

ALL WHEAT: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
PINAL					SANTA CRUZ				
1977	52,000	50,500	4,200	106,050	1977	*			
1978	49,000	46,700	4,170	97,360	1978	*			
1979	43,000	40,200	4,420	88,740	1979	1,000	*		
1980	66,000	63,500	4,590	145,770	1980	500	400	3,900	780
1981	81,000	80,200	4,720	189,220	1981	300	300	4,080	610
YAVAPAI					YUMA				
1977	*				1977	30,000	29,000	4,670	67,710
1978	600	600	2,280	680	1978	39,000	37,000	4,370	80,880
1979	1,000	700	3,000	1,050	1979	37,800	36,300	5,220	94,740
1980	1,000	900	2,400	1,080	1980	34,000	32,800	5,410	88,720
1981	800	600	2,400	720	1981	32,000	31,700	5,020	79,560

1/ Converted from 60 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

ALL WHEAT: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted For All Purposes	FOR GRAIN				
		Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1977	147	140	4,320	302,400	89.00	26,946
1978	145	138	4,200	289,800	98.00	28,356
1979	135	125	4,580	286,200	122.00	34,961
1980	225	215	4,800	516,000	135.30	69,852
1981	261	258	5,080	655,320	142.70	93,415

1/ Average price for the marketing season.
2/ Converted from 60 pound bushels and rounded.

BARLEY: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1977	*				1977	1,000	800	3,130	1,250
1978	*				1978	1,000	1,000	3,020	1,510
1979	*				1979	1,500	1,000	3,120	1,560
1980	*				1980	1,200	900	3,840	1,730
1981	*				1981	1,000	800	4,080	1,630
COCONINO					GILA				
1977	*				1977	*			
1978	*				1978	*			
1979	500	*			1979	*			
1980	700	*			1980	300	*		
1981	*				1981	500	500	2,400	600
GRAHAM					GREENLEE				
1977	3,000	2,500	3,590	4,490	1977	*			
1978	1,300	1,100	3,460	1,900	1978	*			
1979	1,800	1,800	3,600	3,240	1979	*			
1980	2,500	2,000	4,560	4,560	1980	300	*		
1981	2,100	2,000	4,800	4,800	1981	*			
MARICOPA					MOHAVE				
1977	28,000	26,000	3,710	48,240	1977	*			
1978	17,000	14,000	3,550	24,860	1978	*			
1979	18,000	16,000	3,700	29,570	1979	1,000	1,000	3,500	1,750
1980	18,000	16,000	4,420	35,330	1980	1,000	800	3,360	1,340
1981	17,000	16,500	4,780	39,430	1981	700	500	4,080	1,020
NAVAJO					PIMA				
1977	*				1977	2,000	1,800	3,840	3,460
1978	300	*			1978	1,700	1,300	3,840	2,500
1979	300	300	2,880	430	1979	2,000	2,000	3,840	3,840
1980	300	300	2,880	430	1980	2,000	2,000	3,980	3,980
1981	300	300	3,120	470	1981	1,300	1,000	4,320	2,160

BARLEY: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
PINAL					SANTA CRUZ				
1977	22,600	20,000	3,650	36,480	1977	800	600	3,130	940
1978	14,000	12,000	3,170	19,010	1978	500	300	2,830	430
1979	15,000	13,500	3,040	24,580	1979	1,900	*		
1980	25,000	22,000	4,370	48,050	1980	500	*		
1981	22,000	18,000	4,600	41,420	1981	500	*		
YAVAPAI					YUMA				
1977	*				1977	4,000	3,000	3,360	5,040
1978	*				1978	6,000	5,000	3,600	9,000
1979	*				1979	9,000	7,400	3,360	12,430
1980	*				1980	8,000	6,000	4,190	12,580
1981	400	*			1981	4,000	3,000	3,840	5,760

1/ Converted from 48 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

BARLEY: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted For All Purposes	FOR GRAIN				
		Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1977	62	55	3,650	100,320	87.90	8,820
1978	42	35	3,410	59,640	99.60	5,939
1979	50	43	3,600	77,400	108.80	8,417
1980	60	50	4,320	108,000	111.30	12,015
1981	50	43	4,560	98,040	139.60	13,685

1/ Average price for the marketing season.
2/ Converted from 48 pound bushels and rounded.

CORN: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1977	3,500	3,000	790	1,180	1977	35,000	34,000	7,390	125,340
1978	3,000	2,000	1,510	1,510	1978	41,000	37,000	7,220	133,640
1979	2,400	2,000	1,680	1,680	1979	31,000	30,000	7,340	110,040
1980	2,000	1,500	1,980	1,480	1980	30,000	28,000	6,270	87,810
1981	2,200	*			1981	31,000	25,000	7,720	96,550
COCONINO					GILA				
1977	2,000	*			1977	*			
1978	2,000	1,500	1,570	1,180	1978	*			
1979	1,000	500	1,740	430	1979	*			
1980	2,000	1,500	2,240	1,680	1980	200	*		
1981	2,000	700	3,920	1,370	1981	*			
GRAHAM					GREENLEE				
1977	4,000	1,800	6,720	6,050	1977	600	500	5,320	1,330
1978	4,000	3,000	8,400	12,600	1978	1,000	700	7,000	2,450
1979	4,200	4,000	8,230	16,470	1979	400	300	8,010	1,200
1980	5,000	4,000	5,490	10,980	1980	500	400	5,600	1,120
1981	5,500	4,000	8,400	16,800	1981	400	*		
MARICOPA					MOHAVE				
1977	7,000	*			1977	300	*		
1978	10,000	500	3,080	770	1978	*			
1979	11,200	500	4,590	1,150	1979	*			
1980	7,000	*			1980	*			
1981	5,000	*			1981	*			
NAVAJO					PIMA				
1977	9,000	7,500	840	3,150	1977	500	400	2,800	560
1978	6,000	4,000	2,910	5,820	1978	500	*		
1979	6,300	5,500	2,910	8,010	1979	*			
1980	5,000	4,000	3,640	7,280	1980	*			
1981	5,200	3,300	4,200	6,930	1981	*			

1/ Converted from 56 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CORN: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
PINAL					SANTA CRUZ				
1977	500	*			1977	400	300	3,080	460
1978	500	*			1978	500	400	4,200	840
1979	800	*			1979	700	200	4,140	410
1980	1,500	*			1980	800	*		
1981	1,200	*			1981	1,700	500	4,840	1,210
YAVAPAI					YUMA				
1977	2,000	1,000	1,120	560	1977	1,000	600	1,960	590
1978	1,000	800	5,040	2,020	1978	500	*		
1979	2,000	1,800	5,600	5,040	1979	*			
1980	1,000	500	5,600	1,400	1980	*			
1981	800	500	5,600	1,400	1981	*			

1/ Converted from 56 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CORN: Acreage, yield and production, price and value, Arizona, 1977-81

Year	Planted For All Purposes	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1977	65	50	5,600	140,000	78.60	11,000
1978	70	50	6,440	161,000	89.30	14,375
1979	60	45	6,440	144,900	112.10	16,250
1980	55	40	5,600	112,000	139.30	15,600
1981	55	35	7,280	127,400	110.70	14,105

1/ Average price for the marketing season.
2/ Converted from 56 pound bushels and rounded.

SORGHUM: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
APACHE					COCHISE				
1977	520	300	3,640	550	1977	13,000	10,700	4,990	26,680
1978	500	500	4,200	1,050	1978	10,000	7,000	5,120	17,920
1979	400	400	3,640	730	1979	8,500	6,500	4,650	15,120
1980	500	400	3,780	760	1980	8,000	6,200	4,790	14,840
1981	1,200	900	4,600	2,070	1981	5,000	4,800	4,880	11,700
COCONINO					GILA				
1977	*				1977	200	200	2,800	280
1978	200	*			1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
GRAHAM					GREENLEE				
1977	5,000	4,100	4,730	9,690	1977	500	300	3,080	460
1978	4,000	3,500	4,560	7,980	1978	400	400	3,360	670
1979	3,000	2,600	4,440	5,770	1979	400	400	3,430	690
1980	4,000	3,000	4,670	7,000	1980	600	500	4,140	1,040
1981	3,000	2,900	5,140	7,450	1981	800	700	4,480	1,570
MARICOPA					MOHAVE				
1977	7,300	6,000	4,160	12,500	1977	300	*		
1978	6,000	4,600	3,980	9,160	1978	500	500	2,800	700
1979	5,000	4,000	3,640	7,280	1979	700	700	3,120	1,090
1980	6,000	3,400	4,040	6,860	1980	900	900	3,740	1,680
1981	4,000	3,000	4,660	7,000	1981	1,500	1,500	4,820	3,610
NAVAJO					PIMA				
1977	1,200	500	2,020	500	1977	1,500	1,100	3,920	2,160
1978	1,200	400	2,170	430	1978	1,000	800	3,920	1,570
1979	1,000	600	1,820	550	1979	1,200	800	3,640	1,460
1980	1,000	700	2,240	780	1980	2,000	1,800	4,040	3,640
1981	1,100	800	2,170	870	1981	2,500	2,400	4,600	5,510

1/ Converted from 56 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SORGHUM: Acreage, yield and production, Arizona, by counties, 1977-81 (cont'd)

Year	Planted For All Purposes	FOR GRAIN			Year	Planted For All Purposes	FOR GRAIN		
		Harvested	Yield Per Acre	Production			Harvested	Yield Per Acre	Production
	Acres		Lbs. 1/	Tons 1/		Acres		Lbs. 1/	Tons 1/
PINAL					SANTA CRUZ				
1977	5,000	4,100	4,330	8,890	1977	200	*		
1978	5,000	4,200	4,270	8,960	1978	200	*		
1979	7,000	6,000	3,850	11,560	1979	*			
1980	7,500	5,900	3,940	11,620	1980	200	*		
1981	7,000	6,000	4,540	13,610	1981	500	*		
YAVAPAI					YUMA				
1977	*				1977	3,000	2,500	4,170	5,210
1978	*				1978	3,000	3,000	3,990	5,990
1979	200	200	3,360	330	1979	3,500	2,800	3,660	5,120
1980	300	200	3,640	360	1980	4,000	3,000	4,020	6,020
1981	*				1981	3,000	2,800	4,720	6,610

1/ Converted from 56 pound bushels and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SORGHUM: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted For All Purposes	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	1,000 Acres		Lbs. 2/	Tons 2/	Dol./Ton 2/	1,000 Dol.
1977	38	30	4,480	67,200	73.60	4,944
1978	32	25	4,370	54,600	92.10	5,031
1979	31	25	3,980	49,700	114.30	5,680
1980	35	26	4,200	54,600	133.60	7,293
1981	30	26	4,650	60,420	111.10	6,711

1/ Average price for the marketing season.
2/ Converted from 56 pound bushels and rounded.

SAFFLOWER: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Lbs.	Tons 1/		Acres		Lbs.	Tons 1/
MARICOPA					PINAL				
1977	5,900	5,900	2,080	6,140	1977	4,200	4,200	2,000	4,200
1978	2,500	2,500	2,560	3,200	1978	3,500	3,500	2,460	4,300
1979	8,350	8,350	1,960	8,200	1979	2,550	2,550	1,730	2,200
1980	3,200	3,200	1,950	3,120	1980	500	500	2,120	530
1981	900	900	2,330	1,050	1981	600	600	2,250	675
YUMA									
1977	400	400	2,300	460					
1978	*								
1979	300	300	2,000	300					
1980	*								
1981	*								

1/ Converted from pounds and rounded.
* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SAFFLOWER: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Lbs.	Tons 2/	Dol./Ton	1,000 Dol.
1977	10,500	10,500	2,050	10,800	240.00	2,592
1978	6,000	6,000	2,500	7,500	230.00	1,725
1979	11,200	11,200	1,910	10,700	245.00	2,622
1980	3,700	3,700	1,973	3,650	270.00	986
1981	1,500	1,500	2,300	1,725	300.00	518

1/ Average price for the marketing season.
2/ Converted from pounds and rounded.

SUGARBEETS: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Planted	Harvested	Yield Per Acre	Production	Year	Planted	Harvested	Yield Per Acre	Production
	Acres		Tons	Tons		Acres		Tons	Tons
COCHISE					GRAHAM				
1977	2,260	2,220	24.3	53,970	1977	*			
1978	3,750	3,200	18.0	57,600	1978	*			
1979	*				1979	*			
1980	*				1980	*			
1981	*				1981	*			
MARICOPA					PIMA				
1977	5,590	5,540	23.9	132,360	1977	*			
1978	8,400	8,300	21.5	178,400	1978	*			
1979	6,000	5,900	19.7	116,000	1979	*			
1980	3,200	3,200	23.8	76,200	1980	*			
1981	4,350	4,250	22.6	96,200	1981	400	400	16.3	6,500
PINAL					YUMA				
1977	3,650	3,630	18.8	68,170	1977	1,410	1,410	21.6	30,500
1978	3,400	3,350	20.1	67,300	1978	*			
1979	5,200	4,950	17.8	88,000	1979	500	450	28.9	13,000
1980	5,900	5,600	22.0	123,320	1980	200	200	32.0	6,400
1981	5,850	5,700	24.5	139,900	1981	2,400	2,250	25.5	57,400

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

SUGARBEETS: Acreage, yield, production, price and value, Arizona 1977-81

Year	Planted	Harvested	Yield Per Acre	Production	Season Average Price 1/	Value of Production
	Acres		Tons	Tons	Dol./Ton	1,000 Dol.
1977	12,900	12,800	22.3	285,000	24.40	6,954
1978	15,700	15,000	20.5	308,000	25.00	7,700
1979	11,700	11,300	19.2	217,000	27.90	6,054
1980	9,400	9,100	22.9	208,000	53.30	11,086
1981	13,000	12,600	23.8	300,000	2/	

1/ Average price for marketing season.
2/ Not available.

Vegetable & Melon Summary

Weather conditions during the winter and spring were generally excellent for growing and harvesting vegetables. Planting for fall harvest went smoothly during late summer with few interruptions due to inclement weather. Conditions were ideal well into fall for germination of seed as soil temperatures remained relatively warm. The fall of 1981 saw a massive increase in the infestation of the whitefly. Experts agreed that this insect pest was responsible for carrying an unknown virus that sharply decreased yields in some of the fall vegetable and melon crops, primarily early fall lettuce, cantaloups and honeydews. Although both types of crops, lettuce and melons, were hit hard, there were areas where the melon crops were virtually wiped out by the disease.

Total vegetable and melon acreage in Arizona has continued to decline over the past few years. Urbanization, weather, market conditions and extremely high operating costs have all combined to cause this acreage reduction. In 1979 there were 65,500 acres of the major vegetable and melon crops harvested. This was reduced to 59,050 acres in 1980 and reduced again in 1981 to 49,700.

In 1981 growers planted and harvested 32,700 acres of lettuce with a total value of $83.0 million. In 1980 there were 41,100 acres of lettuce harvested valued at $87.8 million. Melons, primarily cantaloups, honeydews and watermelons, are a distant second to lettuce in terms of acreage and value. There were 11,500 acres of melons harvested in 1980 while in 1981 only 11,100 acres were harvested. Total value of all melons in 1981 was $24.6 million, compared with $20.2 million in 1980. Improved yields and slightly higher prices offset the reduction in acres to hold total value above 1980.

VALUE OF PRODUCTION

BROCCOLI: Acreage, yield and production, Arizona, by counties, 1976-77 to 1980-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
MARICOPA				YUMA			
1976-77	600	53	32	1976-77	*		
1977-78	750	57	43	1977-78	150	53	8
1978-79	900	54	49	1978-79	300	60	18
1979-80	650	68	44	1979-80	*		
1980-81	700	71	50	1980-81	*		

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

BROCCOLI: Acreage, yield and production, price and value, Arizona, 1976-77 to 1980-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1976-77	650	650	52	34	26.32	895
1977-78	900	900	57	51	21.57	1,100
1978-79	1,200	1,200	56	67	27.57	1,847
1979-80	650	650	68	44	29.25	1,287
1980-81	700	700	71	50	28.00	1,402

1/ Average price for the marketing season.

HONEYDEWS: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
MARICOPA				MOHAVE			
1977	230	170	39	1977	*		
1978	420	183	77	1978	*		
1979	300	177	53	1979	*		
1980	300	113	34	1980	550	142	78
1981	400	110	44	1981	1,300	162	210
PINAL				YUMA			
1977	*			1977	1,040	150	156
1978	*			1978	1,200	160	192
1979	*			1979	1,300	162	211
1980	*			1980	750	171	128
1981	*			1981	600	152	91

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

HONEYDEWS: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977	1,270	1,270	154	195	10.14	1,977
1978	1,620	1,620	166	269	8.69	2,337
1979	1,600	1,600	165	264	8.61	2,272
1980	1,600	1,600	150	240	9.59	2,302
1981	2,300	2,300	150	345	13.30	4,589

1/ Average price for the marketing season.

CARROTS, SPRING: Acreage, yield and production, Arizona, by counties, 1976-77 to 1980-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1976-77	*			1976-77	1,220	151	184
1977-78	*			1977-78	1,800	129	232
1978-79	*			1978-79	2,000	121	241
1979-80	*			1979-80	1,750	137	239
1980-81	*			1980-81	1,630	137	223
PINAL				YAVAPAI			
1976-77	500	140	70	1976-77	*		
1977-78	*			1977-78	*		
1978-79	*			1978-79	*		
1979-80	100	130	13	1979-80	100	150	15
1980-81	270	130	35	1980-81	*		
YUMA							
1976-77	*						
1977-78	*						
1978-79	*						
1979-80	*						
1980-81	*						

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CARROTS, SPRING: Acreage, yield and production, price and value, Arizona, 1976-77 to 1980-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1976-77	1,800	1,800	147	264	11.50	3,042
1977-78	2,000	2,000	128	255	9.24	2,355
1978-79	2,000	2,000	121	241	10.81	2,605
1979-80	2,000	2,000	138	275	8.13	2,235
1980-81	1,900	1,900	136	258	13.40	3,457

1/ Average price for the marketing season.

CANTALOUPS SUMMER: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1977	*			1977	1,300	159	207
1978	*			1978	3,500	190	666
1979	*			1979	1,950	115	224
1980	*			1980	2,900	155	448
1981	*			1981	2,050	153	314
PINAL				YUMA			
1977	200	140	28	1977	8,100	154	1,248
1978	60	183	11	1978	5,540	135	748
1979	50	100	5	1979	5,100	158	806
1980	*			1980	1,700	163	277
1981	50	140	7	1981	2,200	193	424

CANTALOUPS FALL: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1977	*			1977	780	121	94
1978	*			1978	750	120	90
1979	100	50	5	1979	1,900	108	205
1980	*			1980	1,900	96	182
1981	*			1981	900	125	113
PINAL				YUMA			
1977	*			1977	70	114	8
1978	50	120	6	1978	*		
1979	*			1979	*		
1980	*			1980	*		
1981	*			1981	*		

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CANTALOUPS: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977	10,450	10,450	152	1,585	10.44	16,544
1978	9,900	9,900	154	1,521	11.64	17,702
1979	9,100	9,100	137	1,245	14.19	17,661
1980	6,500	6,500	140	907	15.70	14,244
1981	5,200	5,200	165	858	16.98	14,571

1/ Average price for the marketing season.

OTHER LETTUCE 1/: SPRING: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1977	400	300	120	1977	3,250	255	830
1978	650	231	150	1978	2,550	262	668
1979	1,980	58	115	1979	3,000	125	374
1980	830	182	151	1980	2,160	286	618
1981	720	322	232	1981	2,830	313	886
PIMA				PINAL			
1977	1,800	225	405	1977	2,700	226	610
1978	1,650	279	460	1978	2,450	281	688
1979	1,350	133	179	1979	2,000	131	261
1980	530	260	138	1980	790	254	201
1981	500	354	177	1981	750	353	265

OTHER LETTUCE 1/: FALL: Acreage, yield and production, Arizona, by counties 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Year	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1977	1,200	229	275	1977	3,100	197	610
1978	1,550	261	404	1978	3,300	117	385
1979	1,420	274	389	1979	2,500	190	474
1980	1,150	183	211	1980	2,290	198	454
1981	890	200	178	1981	1,990	194	386
PIMA				PINAL			
1977	1,400	175	245	1977	2,150	172	370
1978	1,050	93	98	1978	1,600	94	151
1979	250	212	53	1979	400	225	90
1980	220	191	42	1980	330	182	60
1981	250	220	55	1981	370	219	81

1/ Calendar year for other lettuce.

ALL OTHER LETTUCE 1/: Acreage, yield and production, price and value, Arizona, 1977-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 2/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977	16,000	16,000	217	3,465	8.22	28,482
1978	14,800	14,800	203	3,004	14.77	44,369
1979	12,900	12,900	150	1,935	7.72	14,938
1980	8,300	8,300	226	1,875	11.26	21,113
1981	8,300	8,300	272	2,260	10.62	24,001

1/ Calendar year for other lettuce.
2/ Average price for the marketing season.

YUMA LETTUCE 1/: Acreage, yield and production, price and value, Arizona, 1976-77 to 1980-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 2/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1976-77	22,400	22,400	201	4,508	8.43	38,024
1977-78	23,700	23,700	222	5,261	9.73	51,190
1978-79	29,400	29,400	225	6,615	12.40	82,026
1979-80	31,100	31,100	230	7,153	7.82	55,936
1980-81	24,900	24,900	295	7,346	9.29	68,244

1/ Crop year for Yuma lettuce.
2/ Average price for the marketing season

CAULIFLOWER: Acreage, yield and production, Arizona, by counties, 1976-77 to 1980-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
MARICOPA				YUMA			
1976-77	940	54	51	1976-77	520	94	49
1977-78	500	56	28	1977-78	800	73	58
1978-79	650	51	33	1978-79	1,350	104	140
1979-80	550	82	45	1979-80	1,400	114	160
1980-81	530	96	51	1980-81	1,870	117	219

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

CAULIFLOWER: Acreage, yield and production, price and value, Arizona, 1976-77 to 1980-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1976-77	1,460	1,460	68	100	29.51	2,951
1977-78	1,300	1,300	66	86	28.97	2,492
1978-79	2,000	2,000	87	173	29.91	5,175
1979-80	1,950	1,950	105	205	37.10	8,015
1980-81	2,400	2,400	113	270	34.80	9,408

1/ Average price for the marketing season.

DRY ONIONS: Acreage, yield and production, Arizona by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
MARICOPA				PINAL			
1977	1,100	480	528	1977	100	420	42
1978	800	420	336	1978	150	413	62
1979	950	427	406	1979	*		
1980	900	470	423	1980	150	433	65
1981	1,000	489	489	1981	*		
YUMA							
1977	200	230	46				
1978	850	400	340				
1979	650	200	130				
1980	350	386	135				
1981	100	230	23				

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

DRY ONIONS: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977	1,400	1,400	440	616	7.54	4,644
1978	2,100	1,800	410	738	5.11	3,772
1979	1,600	1,600	335	536	8.99	4,816
1980	1,400	1,400	445	623	9.43	5,874
1981	1,100	1,100	465	512	17.00	8,704

1/ Average price for the marketing season.

WATERMELONS: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1977	*			1977	2,650	155	412
1978	*			1978	2,150	148	318
1979	400	123	49	1979	4,100	137	563
1980	750	92	69	1980	1,700	194	330
1981	750	61	46	1981	1,690	240	405
PINAL				YUMA			
1977	750	147	110	1977	400	185	74
1978	550	147	81	1978	1,100	155	171
1979	700	127	89	1979	1,100	127	140
1980	500	192	96	1980	450	171	77
1981	400	223	89	1981	760	183	139

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

WATERMELONS: Acreage, yield and production, price and value, Arizona 1977-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977	3,800	3,800	157	596	5.14	3,064
1978	3,800	3,800	150	570	6.85	3,904
1979	6,300	6,300	134	841	4.24	3,568
1980	3,400	3,400	168	572	6.35	3,632
1981	3,600	3,600	189	679	7.98	5,418

1/ Average price for the marketing season.

POTATOES: Acreage, yield and production, Arizona, by counties, 1977-81

Year	Harvested	Yield Per Acre	Production	Year	Harvested	Yield Per Acre	Production
	Acres	Cwt.	1,000 Cwt.		Acres	Cwt.	1,000 Cwt.
COCHISE				MARICOPA			
1977	*			1977	6,500	270	1,755
1978	*			1978	6,000	265	1,590
1979	*			1979	6,200	210	1,302
1980	*			1980	4,400	290	1,276
1981	*			1981	5,200	280	1,456
YUMA							
1977	*						
1978	*						
1979	*						
1980	*						
1981	*						

* Acres planted and/or harvested too small to warrant quantitative estimate or not published to avoid disclosing individual operations.

POTATOES: Acreage, yield, production, price and value, Arizona, 1977-81

Year	Planted	Harvested	Yield Per Harvested Acre	Production	Season Average Price 1/	Value of Production
	Acres		Cwt.	1,000 Cwt.	Dol./Cwt.	1,000 Dol.
1977	6,500	6,500	270	1,755	5.12	8,986
1978	6,000	6,000	265	1,590	8.15	12,959
1979	6,200	6,200	210	1,302	4.40	5,729
1980	4,400	4,400	290	1,276	5.25	6,699
1981	5,200	5,200	280	1,456	7.55	10,993

1/ Average price for the marketing season.

Fruit Summary

Deciduous fruit as a back yard or small orchard crop, has an interesting historical background. The famous Hopi peaches were cultivated and improved variety selections made long before the first white settlers came to Arizona. Many pioneer Mormon families brought fruit trees from Utah and established home orchards. Deciduous fruit was also planted in many of the Mission yards as Spanish explorations moved north from Mexico. In the Salt River Valley, small orchard plantings were made in the late 1800's, particularly in the Mesa area. Several commercial apricot plantings were made in north Phoenix in the early 1930's and continued as a commercial entity until the orchards were sub-divided. Through the late 1940's and early 50's several commercial orchards of mixed peaches, apricots and plums were started in central Arizona. Adverse marketing conditions and disease problems were primarily responsible for their demise. Commercial peach orchards were planted and existing orchards expanded in Cochise and Coconino counties during the 50's. The success of several of these plantings over the years has depended on producing high quality fruit for roadside or pick your own sales. Several new varieties of peach and nectarine were introduced in the 1960's and early 70's by USDA and private plant breeders that comprise the bulk of the existing commercial deciduous industry in the state. In the past four years several hundred acres of young apple trees have been planted in Cochise County with the expectation of fresh fruit sales and a by-product juice industry. Several combination fruit orchards in the Oak Creek Canyon are very active in roadside sales of fresh fruit and juice.

The grape industry in the state is currently built on several varieties of fresh table grapes but considerable interest is being expressed in wine grape productions. There are currently approximately 150 acres of wine grapes planted in the state either as individual owner operations or as part of larger fruit or row crop enterprises. Several hundred acres of producing juice or wine varieties were in existence principally in Maricopa County in the early 1900's. These diminished rapidly with the advent of prohibition. The table grape industry is centered in Maricopa and immediately adjacent areas of Pinal and Yuma counties. Table grapes require highly intensive hand labor but Arizona's marketing period coincides well with table grape districts in California to provide excellent sales opportunities. A very limited amount of the Arizona grape crop is sold in export channels.

Citrus still makes up the largest acreage of tree crop in the state. While the industry has fluctuated in acreage over the years, most of the orchard removal and re-planting was done on the basis of low returns on individual varieties. Much of the current loss of producing acreage, now approximately 200 to 300 acres per year, in both the Yuma and Salt River Valley producing areas is due to urbanization. Some economic abandonment particularly in Marsh seedless grapefruit has occurred in the past few seasons. The downward trend in acreage, particularly in Maricopa County is expected to continue due to limited and costly land availability. On a seasonal basis excellent net returns in specific varieties have resulted when freeze damage or fumigation requirements have decreased the availability of fruit from competing areas.

Source: Lowell True
Agricultural Agent
Maricopa County Extension Service.

CITRUS: Production, price and value, Arizona, 1976-77 to 1980-81

Year	Production	Season Average Price 1/	Value	Production	Season Average Price 1/	Value
	1,000 Cartons	Dol./Ctn.	1,000 Dol.	1,000 Cartons	Dol./Ctn.	1,000 Dol.
		ALL ORANGES			GRAPEFRUIT	
1976-77	7,900	1.34	10,558	6,000	.90	5,370
1977-78	7,240	2.66	19,269	6,000	.67	4,020
1978-79	5,800	3.00	17,406	4,500	1.45	6,503
1979-80	7,000	1.56	10,897	6,000	1.30	7,770
1980-81	5,200	1.64	10,049	5,600	1.96	10,976
		LEMONS			TANGERINES	
1976-77	10,000	1.59	15,850	1,300	3.13	4,063
1977-78	11,600	1.54	17,864	1,200	3.86	4,632
1978-79	11,000	2.01	22,055	900	3.87	3,483
1979-80	6,100	4.05	24,675	1,500	2.17	3,248
1980-81	14,000	2.06	28,770	1,400	3.02	4,228

1/ Equivalent packinghouse door returns.

CITRUS FRUIT: Production and price, Arizona, 1976-77 to 1980-81

Commodity and Crop Year	Equivalent Packed Cartons			Equivalent Returns								
				FOB			Packing House Door			On-Tree		
	All	Fresh	By-Products	All	Fresh	By-Products	All	Fresh	By-Products	All	Fresh	By-Products
	1,000 Cartons			Dollars Per Carton								
ALL ORANGES												
1976-77	7,900	4,620	3,280	2.30	3.47	.64	1.34	1.98	.44	.69	1.33	-.21
1977-78	7,240	5,270	1,970	3.93	4.98	1.11	2.66	3.32	.91	2.04	2.69	.29
1978-79	5,800	3,280	2,520	4.16	6.50	1.11	3.00	4.37	1.22	2.10	3.34	.48
1979-80	7,000	4,400	2,600	3.14	4.35	1.08	1.56	2.02	.79	.86	1.32	.09
1980-81	5,200	3,360	1,840	3.78	5.10	1.38	1.94	2.78	.38	1.21	2.06	-.36
NAVEL, SWEET & MISC. ORANGES												
1976-77	1,600	1,270	330	3.63	4.50	.28	2.43	3.03	.13	1.80	2.40	-.50
1977-78	1,640	1,370	270	4.70	5.55	.38	3.32	3.93	.23	2.69	3.30	-.40
1978-79	1,400	1,200	200	6.28	7.20	.75	4.45	5.10	.55	3.50	4.10	-.15
1979-80	1,700	1,300	400	4.39	5.50	.79	2.58	3.20	.54	1.88	2.50	-.16
1980-81	1,800	1,340	460	4.44	5.85	.33	2.83	3.75	.13	2.13	3.05	-.57
VALENCIA ORANGES												
1976-77	6,300	3,350	2,950	1.96	3.08	.68	1.06	1.58	.48	.41	.93	-.18
1977-78	5,600	3,900	1,700	3.70	4.78	1.22	2.47	3.10	1.02	1.85	2.48	.40
1978-79	4,400	2,080	2,320	3.67	6.10	1.50	2.54	3.95	1.28	1.65	2.90	.53
1979-80	5,300	3,100	2,200	2.73	3.87	1.13	1.23	1.52	.83	.53	.82	.13
1980-81	3,400	2,020	1,380	3.07	4.61	.81	1.46	2.14	.47	.72	1.40	-.29
GRAPEFRUIT												
1976-77	6,000	2,870	3,130	1.66	3.03	.40	.90	1.65	.20	.50	1.25	-.20
1977-78	6,000	2,400	3,600	1.34	3.00	.23	.67	1.55	.08	.22	1.10	-.37
1978-79	4,500	2,100	2,400	2.41	4.64	.46	1.45	2.77	.29	.85	2.17	-.31
1979-80	6,000	2,640	3,360	2.16	4.22	.54	1.30	2.52	.34	.75	1.97	-.21
1980-81	5,600	3,200	2,400	3.06	4.87	.65	1.96	3.06	.50	1.36	2.46	-.10
LEMONS												
1976-77	10,000	4,180	5,820	2.52	5.08	.68	1.59	3.13	.48	.64	2.18	-.48
1977-78	11,600	4,600	7,000	2.61	5.55	.67	1.54	3.25	.42	.44	2.15	-.68
1978-79	11,000	5,600	5,400	3.50	6.15	.76	2.01	3.45	.51	.87	2.17	-.49
1979-80	6,100	3,170	2,930	5.88	9.70	1.74	4.05	6.45	1.45	2.57	4.95	-.02
1980-81	14,000	4,480	9,520	3.25	6.80	1.58	2.06	3.60	1.33	.61	2.15	-.12
TANGERINES												
1976-77	1,300	960	340	4.24	5.55	.55	3.13	4.10	.38	2.45	3.43	-.30
1977-78	1,200	820	380	4.91	6.90	.60	3.86	5.45	.43	3.19	4.78	-.25
1978-79	900	500	400	5.14	8.65	.75	3.87	6.55	.53	2.96	5.50	-.23
1979-80	1,500	880	620	4.29	6.65	.94	2.17	3.20	.69	.67	1.70	-.81
1980-81	1,400	800	600	4.98	8.30	.56	3.02	5.05	.31	1.52	3.55	-1.19

CITRUS: Production, by varieties, Arizona, by counties, 1976-77 to 1980-81

Year	Fresh	Products	Year	Fresh	Products	Year	Fresh	Products	Total
	1,000 Cartons			1,000 Cartons			1,000 Cartons		
MARICOPA 1/	ALL ORANGES		YUMA	ALL ORANGES		ARIZONA	ALL ORANGES		
1976-77	2,630	1,870	1976-77	1,990	1,410	1976-77	4,620	3,280	7,900
1977-78	3,000	1,120	1977-78	2,270	850	1977-78	5,270	1,970	7,240
1978-79	1,800	970	1978-79	1,480	1,550	1978-79	3,280	2,520	5,800
1979-80	2,460	1,240	1979-80	1,940	1,360	1979-80	4,400	2,600	7,000
1980-81	2,040	950	1980-81	1,320	890	1980-81	3,360	1,840	5,200
MARICOPA 1/	NAVEL, SWEETS & MISC.		YUMA	NAVEL, SWEETS & MISC.		ARIZONA	NAVEL, SWEETS & MISC.		
1976-77	1,168	300	1976-77	102	30	1976-77	1,270	330	1,600
1977-78	1,239	250	1977-78	131	20	1977-78	1,370	270	1,640
1978-79	1,100	180	1978-79	100	20	1978-79	1,200	200	1,400
1979-80	1,215	371	1979-80	85	29	1979-80	1,300	400	1,700
1980-81	1,270	430	1980-81	70	30	1980-81	1,340	460	1,800
MARICOPA 1/	VALENCIA		YUMA	VALENCIA		ARIZONA	VALENCIA		
1976-77	1,910	1,680	1976-77	1,440	1,270	1976-77	3,350	2,950	6,300
1977-78	2,220	970	1977-78	1,680	730	1977-78	3,900	1,700	5,600
1978-79	700	790	1978-79	1,380	1,530	1978-79	2,080	2,320	4,400
1979-80	1,510	960	1979-80	1,590	1,240	1979-80	3,100	2,200	5,300
1980-81	770	520	1980-81	1,250	960	1980-81	2,020	1,380	3,400
MARICOPA 1/	GRAPEFRUIT		YUMA	GRAPEFRUIT		ARIZONA	GRAPEFRUIT		
1976-77	1,670	2,000	1976-77	1,200	1,130	1976-77	2,870	3,130	6,000
1977-78	1,390	2,300	1977-78	1,010	1,300	1977-78	2,400	3,600	6,000
1978-79	1,320	1,510	1978-79	780	890	1978-79	2,100	2,400	4,500
1979-80	1,580	2,130	1979-80	1,060	1,230	1979-80	2,640	3,360	6,000
1980-81	2,080	1,560	1980-81	1,120	840	1980-81	3,200	2,400	5,600
MARICOPA 1/	LEMONS		YUMA	LEMONS		ARIZONA	LEMONS		
1976-77	590	1,050	1976-77	3,590	4,770	1976-77	4,180	5,820	10,000
1977-78	640	1,260	1977-78	3,960	5,740	1977-78	4,600	7,000	11,600
1978-79	670	970	1978-79	4,930	4,430	1978-79	5,600	5,400	11,000
1979-80	410	600	1979-80	2,760	2,330	1979-80	3,170	2,930	6,100
1980-81	500	1,050	1980-81	3,980	8,470	1980-81	4,480	9,520	14,000
MARICOPA 1/	TANGERINES		YUMA	TANGERINES		ARIZONA	TANGERINES		
1976-77	540	230	1976-77	420	110	1976-77	960	340	1,300
1977-78	460	260	1977-78	360	120	1977-78	820	380	1,200
1978-79	270	220	1978-79	230	180	1978-79	500	400	900
1979-80	480	370	1979-80	400	250	1979-80	880	620	1,500
1980-81	430	330	1980-81	370	270	1980-81	800	600	1,400

1/ Includes small acreage in Pinal County.

CITRUS 1/: Acreage, Arizona by counties, 1977-81

Year	Variety	Year	Variety	Year	Variety
	Acres		Acres		Acres
MARICOPA 2/	ORANGES	YUMA	ORANGES	ARIZONA	ORANGES
	Navel, Sweets & Miscellaneous	Valencia	Navel, Sweets & Miscellaneous	Valencia	Navel, Sweets & Miscellaneous	Valencia
1977	6,450	4,050	560	6,550	1977	7,1[illegible]	11,[illegible]
1978	5,820	3,620	170	6,920	1978	[illegible],990	10,540
1979	5,070	2,990	250	6,460	1979	[illegible],[illegible]20	9,450
1980	5,350	3,460	280	6,570	1980	[illegible],[illegible]30	10,040
1981	5,200	3,030	220	4,760	1981	[illegible],420	7,790

MARICOPA 2/	GRAPEFRUIT		YUMA	GRAPEFRUIT		ARIZONA	GRAPEFRUIT	
	White	Red Blush		White	Red Blush		White	Red Blush
1977	4,420	2,500	1977	780	2,300	1977	[illegible],700	4,8[illegible]
1978	3,880	2,920	1978	1,050	2,970	1978	4,930	[illegible],890
1979	2,790	2,680	1979	710	2,710	1979	[illegible],500	[illegible],390
1980	2,760	2,320	1980	770	2,480	1980	[illegible],530	4,[illegible]80
1981	2,540	2,750	1981	570	2,250	1981	[illegible],110	[illegible],[illegible]00

MARICOPA 2/	LEMONS	YUMA	LEMONS	ARIZONA	LEMONS
1977	3,300	1977	17,[illegible]50	1977	20,[illegible]50
1978	2,610	1978	18,280	1978	21,[illegible]90
1979	1,430	1979	13,[illegible]80	1979	14,[illegible]10
1980	2,150	1980	14,[illegible]10	1980	21,[illegible]60
1981	2,150	1981	17,[illegible]30	1981	19,[illegible]80

MARICOPA 2/	TANGERINES	YUMA	TANGERINES	ARIZONA	TANGERINES
1977	3,840	1977	2,[illegible]60	1977	[illegible],[illegible]00
1978	2,270	1978	1,[illegible]70	1978	4,[illegible]40
1979	1,890	1979	1,[illegible]40	1979	[illegible],[illegible]30
1980	1,820	1980	1,[illegible]60	1980	[illegible],[illegible]80
1981	1,710	1981	1,[illegible]40	1981	[illegible],[illegible]50

1/ Bearing acres prior to 1978, harvested acres 1978 to 1981.
2/ Includes small acreage in Pinal County.
Source: Arizona Fruit and Vegetable Standardization Service.

GRAPES: Acreage, by varieties, Arizona, by areas, 1977-81

Year	Variety					
	Perlette	Exotics	Thompson Seedless	Cardinals	Miscellaneous	Total
	Acres Harvested					
CENTRAL						
1977	394	156	1,421	218	15	2,204
1978	391	92	1,362	160	15	2,020
1979	444	97	1,318	100	15	1,974
1980	514	81	1,298	120	18	2,031
1981	646	71	1,431	145	139	2,432
WESTERN						
1977	220	28	718	112	8	1,086
1978	219	42	718	112	8	1,099
1979	248	42	718	112	8	1,128
1980	248	42	718	112	8	1,128
1981	227	22	673	98	37	1,057
ARIZONA						
1977	614	184	2,139	330	23	3,290
1978	610	134	2,080	272	23	3,119
1979	692	139	2,036	212	23	3,102
1980	762	123	2,016	232	26	3,159
1981	873	93	2,104	243	176	3,489

Source: Arizona Fruit and Vegetable Standardization Service.

GRAPES: Production, price and value, Arizona, 1977-81

Year	Production	Season Average Price 1/	Value
	Tons	Dol./Ton	1,000 Dol.
1977	11,000	955.00	10,505
1978	14,300	943.00	13,485
1979	13,500	930.00	12,555
1980	12,400	1,170.00	14,508
1981	12,400	1,240.00	15,376

1/ Average price for the marketing season.
Source: Arizona Fruit and Vegetable Standardization Service.

DECIDUOUS FRUIT AND PECANS: Acreage by year harvested, Arizona, by area, 1977-1981

Crop and Area	1977	1978	1979	1980	1981
			Acres		
APPLES					
Central	85	80	120	80	80
Eastern	395	420	460	420	465
Total	480	500	580	500	545
APRICOTS					
Central	290	455	230	235	190
Eastern	10	10	10	10	60
Western	--	50	50	--	--
Total	300	515	290	245	250
NECTARINES					
Central	330	130	60	75	100
Western	--	10	40	--	--
Total	330	140	100	75	100
PEACHES					
Central	685	720	510	435	255
Eastern	90	530	110	455	285
Western	--	10	40	--	--
Total	775	1,260	660	890	540
PLUMS					
Central	935	920	565	625	490
Eastern	--	40	40	35	50
Western	10	60	80	--	--
Total	945	1,020	685	660	540
PECANS					
Central	8,035	8,125	8,545	9,485	9,925
Eastern	105	105	105	105	630
Western	355	555	540	540	950
Total	8,495	8,785	9,190	10,130	11,505

Source: Arizona Fruit and Vegetable Standardization Service.

Cattle Summary

The cattle industry played an important role in Arizona Agriculture during 1981. Cattle on feed, dairy, and range cattle operations had a total value of production of $343 million. This, however, was down considerably from $408 million in 1980.

Arizona ranked 35th in the United States in total cattle inventory during 1981, with a total of 1 million head on January 1, 1982. The breakdown of this inventory consisted of 330,000 cattle on feed, 572,000 range cattle and calves, and 98,000 milk cows and replacement heifers.

The cattle on feed inventory in Arizona ranked 10th nationally on January 1,1982,dropping from 8th the previous year. Even with the current standing, Arizona will remain in the monthly seven state cattle on feed estimating program because of its number of large feedlots. The seven state total accounts for a majority of the national cattle on feed inventory and is a closely watched indicator of the total beef supply. In addition, the quarterly cattle on feed report includes a breakdown of the inventory by weight groups and classes for an expanded group of states.

Over the years dairying has grown in importance in Arizona agriculture. The number of milk cows has continued to increase, up to 79,000 head on January 1, 1982. Arizona cows produced 14,714 pounds of milk each during 1981, which was the third highest milk production per cow in the United States.

In Arizona, approximately two-thirds of the total land area is range and desert. Much of this land is available through public grazing permits to cattle ranchers. The land and number of head permitted are controlled by the Bureau of Land Management, Forest Service, and the State Land Department. Range cattle and calves represent 57 percent of the total cattle inventory.

The cattle industry had a very trying year during 1981. Along with increased production costs, including interest rates,cattle revenues decreased. The 1981 annual average price received for beef cattle dropped to $61.80 per hundredweight from $65.10 in 1980. Marketings also dropped from 918.5 million pounds in 1980 to 841.3 million pounds in 1981.

CATTLE AND CALVES: Number on farms and value, Arizona, January 1, 1978-82

Year	All Cattle and Calves	Cows		Heifers 500 Lbs. & Over			Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Heifers Steers & Bulls Under 500 Lbs.	Value	
		Beef Cows	Milk Cows	Beef Cow Replacement	Milk Cow Replacement	Other Heifers				Per Head	Total
	1,000 Head									Dol.	1,000 Dol.
1978	1,135	297	68	40	10	42	380	27	271	240	272,400
1979	1,200	287	70	60	15	17	504	25	222	385	462,000
1980	1,050	258	72	45	13	27	420	24	191	465	488,250
1981	1,075	285	75	49	17	32	361	26	230	460	494,500
1982	1,000	276	79	49	19	25	334	26	192	410	410,000

CATTLE AND CALVES: Number on farms, Arizona, July 1, 1977-81

Year	All Cattle and Calves	Cows		Heifers 500 Lbs. & Over			Steers 500 Lbs. & Over	Bulls 500 Lbs. & Over	Heifers Steers & Bulls Under 500 Lbs.
		Beef Cows	Milk Cows	Beef Cow Replacement	Milk Cow Replacement	Other Heifers			
	1,000 Head								
1977	1,395	293	72	40	12	33	345	25	275
1978	1,200	318	69	54	15	19	391	26	308
1979	1,100	275	70	48	15	22	439	23	208
1980	1,100	299	76	54	16	18	340	27	270
1981	1,000	291	77	44	16	16	281	25	250

MILK COWS AND PRODUCTION OF MILK AND MILKFAT AND VALUE: Arizona, 1977-81

Year	Milk Cows 1/	Production Per Milk Cow		Milkfat Percent	Total Production		Value	
		Milk	Milkfat		Milk	Milkfat	Fluid Milk Per 100 Lbs.	Total Milk Produced 2/
	1,000 Head	Lbs.			Million Lbs.		Dollars	1,000 Dol.
1977	69	13,246	473	3.57	914	33	10.10	94,394
1978	69	13,130	473	3.60	906	33	11.10	102,247
1979	72	13,069	469	3.59	941	34	12.50	120,260
1980	75	13,747	496	3.61	1,031	37	13.40	138,463
1981 3/	77	14,714	530	3.60	1,133	41	14.10	160,093

1/ Average number on farms during year, excluding heifers not yet fresh.
2/ Includes sales of milk, cream and butter, value of milk used for home consumption and value of milk fed to calves.
3/ Preliminary.

CATTLE AND CALVES: Number on farms, by counties, Arizona, January 1, 1978-82

Year	Cattle on Feed	Milk Cows and Replacement Heifers	Range Cattle and Calves 1/	Total	Year	Cattle on Feed	Milk Cows and Replacement Heifers	Range Cattle and Calves 1/	Total
		1,000 Head					1,000 Head		
APACHE					COCHISE				
1978	*	*	57	57	1978	*	*	88	90
1979	*	*	53	53	1979	*	*	83	86
1980	*	*	50	50	1980	*	*	67	70
1981	*	*	55	55	1981	*	*	66	68
1982	*	*	60	60	1982	*	*	62	63
COCONINO					GILA				
1978	*	*	51	51	1978	*	*	36	36
1979	*	*	50	50	1979	*	*	35	35
1980	*	*	44	44	1980	*	*	33	33
1981	*	*	47	47	1981	*	*	36	36
1982	*	*	48	48	1982	*	*	35	35
GRAHAM					GREENLEE				
1978	*	*	34	40	1978	*	*	14	14
1979	*	*	37	42	1979	*	*	15	15
1980	*	*	35	40	1980	*	*	14	15
1981	*	*	40	45	1981	*	*	17	18
1982	*	*	28	32	1982	*	*	18	18
MARICOPA					MOHAVE				
1978	123	66	55	244	1978	*	*	50	50
1979	108	73	60	241	1979	*	*	45	45
1980	117	71	47	235	1980	*	*	40	40
1981	119	77	53	249	1981	*	*	45	45
1982	114	83	49	246	1982	*	*	38	39
NAVAJO					PIMA				
1978	*	*	45	46	1978	*	*	48	55
1979	*	*	48	48	1979	*	*	53	60
1980	*	*	42	42	1980	*	*	43	50
1981	*	*	47	47	1981	*	*	40	48
1982	*	*	44	45	1982	*	*	42	49

CATTLE AND CALVES: Number on farms, by counties, Arizona, January 1, 1978-82 (cont'd)

Year	Cattle on Feed	Milk Cows and Replacement Heifers	Range Cattle and Calves 1/	Total	Year	Cattle on Feed	Milk Cows and Replacement Heifers	Range Cattle and Calves 1/	Total
	1,000 Head					1,000 Head			
PINAL					SANTA CRUZ				
1978	204	2	31	237	1978	*	*	21	21
1979	258	2	30	290	1979	*	*	20	20
1980	183	2	30	215	1980	*	*	16	16
1981	177	2	30	209	1981	*	*	16	16
1982	113	2	48	163	1982	*	*	14	14
YAVAPAI					YUMA				
1978	*	*	73	74	1978	87	1	32	120
1979	*	*	64	65	1979	117	1	32	150
1980	*	*	59	60	1980	114	1	25	140
1981	*	*	65	67	1981	99	1	25	125
1982	*	*	62	64	1982	99	1	24	124

CATTLE AND CALVES: Number on farms, Arizona, January 1, 1978-82

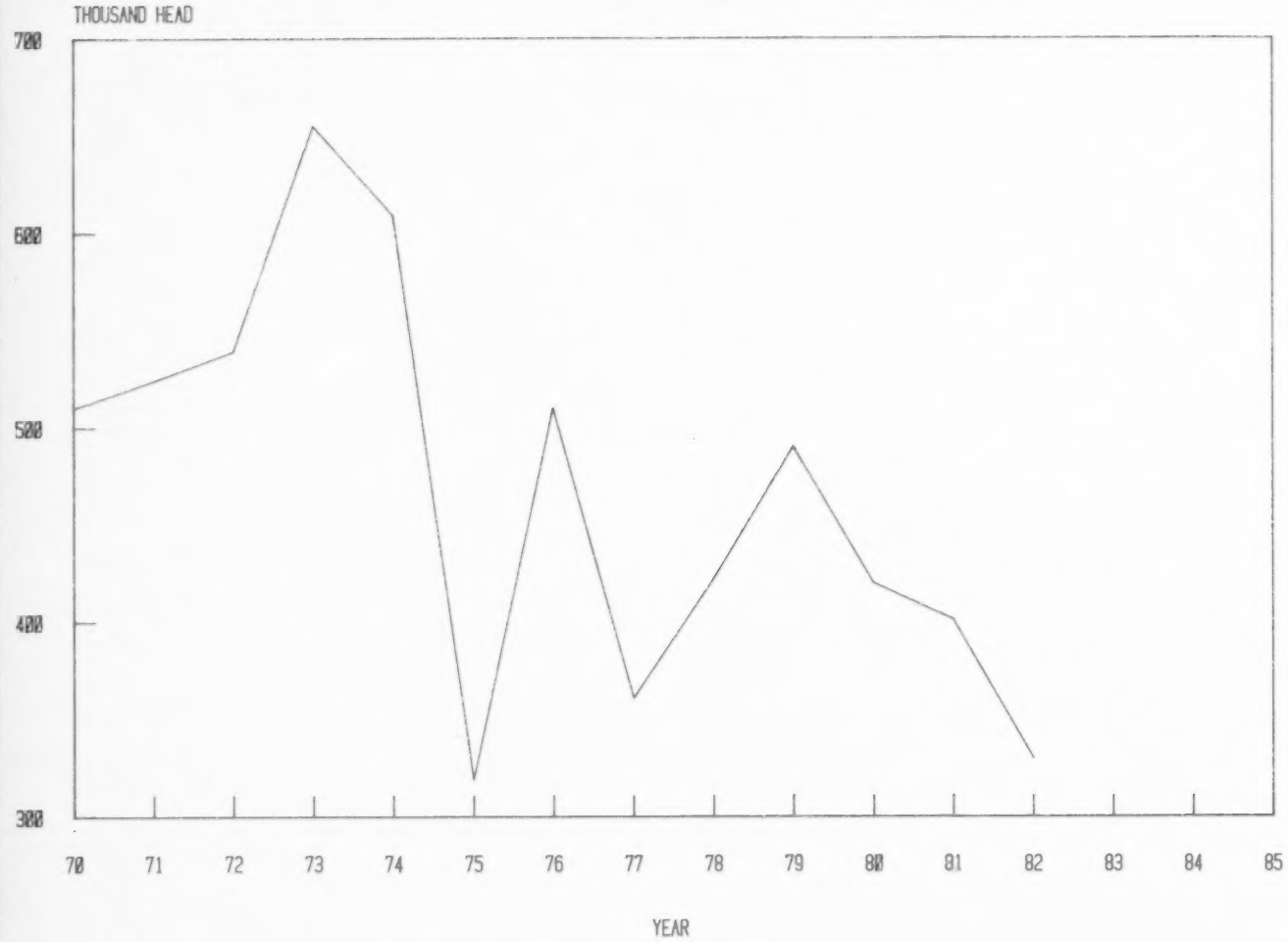
Year	Cattle on Feed	Milk Cows and Replacement Heifers	Range Cattle and Calves 1/	Total
	1,000 Head			
ARIZONA				
1978	422	78	635	1,135
1979	490	85	625	1,200
1980	420	85	545	1,050
1981	401	92	582	1,075
1982	330	98	572	1,000

1/ Range cattle and calves do not include cattle on feed or milk cows and replacement heifers in counties where these items are not published.

* Number too small to warrant quantitative estimate or not published to avoid disclosing individual operations. Livestock, if any, are included in the State totals.

TOTAL CATTLE ON FEED JANUARY 1, 1970-1982

ARIZONA



CATTLE ON FEED: Arizona, by counties, January - December, 1977-81

County	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	1977											
	1,000 Head											
Maricopa	136	132	123	119	119	112	99	97	91	84	101	112
Pinal	162	157	146	132	149	150	152	168	161	166	184	200
Yuma	56	63	62	62	69	69	63	64	56	63	74	80
Other	7	7	7	7	7	6	7	7	7	7	7	8
ARIZONA	361	359	338	320	344	337	321	336	315	320	366	400
	1978											
Maricopa	121	104	88	75	71	89	90	93	97	99	120	112
Pinal	204	198	190	187	188	187	189	196	205	234	265	265
Yuma	90	86	84	83	83	88	89	92	94	102	108	123
Other	7	8	8	7	8	6	8	8	7	7	11	7
ARIZONA	422	396	370	352	350	370	376	389	403	442	504	507
	1979											
Maricopa	113	95	93	72	67	77	85	84	79	79	90	91
Pinal	247	232	219	208	203	205	194	166	153	165	180	185
Yuma	123	120	110	94	85	79	77	82	79	90	91	103
Other	7	6	6	6	6	9	7	5	5	6	6	6
ARIZONA	490	453	428	380	361	370	363	337	316	340	367	385
	1980											
Maricopa	115	110	100	83	73	83	92	93	94	97	110	114
Pinal	183	163	151	140	123	111	106	123	131	134	151	164
Yuma	115	110	103	95	88	87	81	76	78	81	95	99
Other	7	6	6	6	6	6	5	5	4	5	4	5
ARIZONA	420	389	360	324	290	287	284	297	307	317	360	382
	1981											
Maricopa	119	121	113	101	102	99	95	85	88	96	108	111
Pinal	177	177	171	151	137	127	108	95	88	98	106	111
Yuma	99	97	93	90	90	81	70	58	64	70	86	95
Other	6	5	5	4	4	4	3	3	3	3	3	3
ARIZONA	401	400	382	346	333	311	276	241	243	267	303	320

CATTLE ON FEED: Number by classes and weight groups, Arizona, quarterly 1977-82

Date	Total	Steers and Steer Calves	Heifers and Heifer Calves	Cows and Other	Under 500 Lbs.	500-699 Lbs.	700-899 Lbs.	900-1,099 Lbs.	1,100 Lbs. and Over
	1,000 Head				1,000 Head				
1977									
Jan. 1	361	332	28	1	54	99	126	75	6
Apr. 1	320	302	17	1	19	104	123	67	6
July 1	321	297	23	1	69	93	81	72	5
Oct. 1	320	294	26	0	103	59	89	63	6
1978									
Jan. 1	422	397	22	3	113	114	127	63	2
Apr. 1	352	334	17	1	83	90	115	56	7
July 1	376	353	15	8	81	76	114	93	4
Oct. 1	442	428	13	1	192	90	85	61	13
1979									
Jan. 1	490	466	22	2	117	119	136	98	18
Apr. 1	380	369	10	1	85	85	120	85	4
July 1	363	347	15	1	55	106	83	112	6
Oct. 1	340	329	9	2	81	103	92	60	2
1980									
Jan. 1	420	410	9	1	118	114	110	75	2
Apr. 1	324	315	8	1	43	75	104	95	6
July 1	284	275	8	1	59	68	79	76	1
Oct. 1	317	310	6	1	76	80	98	61	1
1981									
Jan. 1	401	380	18	3	101	124	89	76	8
Apr. 1	346	335	10	1	45	79	116	100	5
July 1	276	266	9	1	48	66	69	90	2
Oct. 1	267	258	8	1	60	68	75	61	2
1982									
Jan. 1	330	314	15	1	46	73	105	98	7

FED CATTLE MARKETED FOR SLAUGHTER: Arizona 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						1,000 Head							
1977	45	57	69	57	55	60	55	52	50	53	50	43	646
1978	54	52	52	49	54	58	56	57	45	46	51	59	633
1979	56	50	72	53	72	70	73	61	40	37	38	46	668
1980	56	46	45	50	41	58	54	52	46	40	39	27	554
1981	30	32	52	46	59	63	60	55	37	31	26	28	519

FED CATTLE MARKETED FOR SLAUGHTER: Arizona, by counties, 1979-81 1/

Year	Maricopa	Pinal	Yuma	Other	Total
		1,000 Head			
1979	212	310	138	8	668
1980	184	235	127	8	554
1981	190	205	117	7	519

1/ Series began in 1979.

CATTLE AND CALF OUTSHIPMENTS: Arizona, by counties, 1977-81

County of Origin	1977	1978	1979	1980	1981
			Number of Head		
Apache	15,938	18,453	17,005	15,316	14,787
Cochise	45,657	57,212	49,404	34,032	38,220
Coconino	14,709	18,234	12,824	14,588	19,353
Gila	6,783	6,213	5,427	4,029	4,895
Graham	11,848	10,032	9,986	6,277	4,733
Greenlee	2,880	1,992	3,062	3,066	3,515
Maricopa	153,541	178,638	158,901	150,533	135,006
Mohave	26,505	28,098	31,712	15,575	14,335
Navajo	12,351	21,280	16,241	12,053	15,019
Pima	12,153	14,931	10,700	12,066	14,571
Pinal	149,666	248,431	268,456	158,113	130,830
Santa Cruz	5,497	6,513	8,147	7,869	7,827
Yavapai	38,076	40,528	33,560	38,533	10,566
Yuma	97,307	135,297	143,373	98,619	55,547
ARIZONA	592,911	785,852	768,798	570,669	469,204

Source: Arizona Livestock Sanitary Board inspection records.

CATTLE AND CALF OUTSHIPMENTS: By class, Arizona, 1977-81

Class	1977	1978	1979	1980	1981
			Number of Head		
Steers 1+	439,109	595,274	582,867	398,047	295,609
Bulls	5,838	5,897	5,989	7,096	6,238
Heifers	53,365	56,823	54,174	39,724	40,892
Cows	31,795	39,015	39,124	38,319	45,691
Calves	62,804	88,843	86,644	87,483	80,774
TOTAL	592,911	785,852	768,798	570,669	469,204

Source: Arizona Livestock Sanitary Board inspection records.

Hog & Pig Summary

The Arizona pork industry is among the most modern in the nation,with producers concentrating on quality and efficiency to assure a high quality product to the consumer. Farrow to finish operations are the most prominent in the state. Most pigs are raised under confinement in climatically controlled facilities to reduce stress and death loss during the adverse summer temperatures.

Hog operations expanded rapidly from 1978 through 1980. The inventory of hogs and pigs increased from 102,000 head on December 1, 1977 up to 180,000 on December 1, 1980, a 76 percent increase in 3 years. During 1981, however, the inventory of Arizona hogs and pigs declined for the first time since 1975. The December 1, 1981 inventory of 170,000 head was down 6 percent from the historical high of 180,000 on December 1, 1980. Hogs kept for breeding accounted for 21,000 head, down 9 percent from the previous year. Market hogs and pigs totaled 149,000 head, down 5 percent from a year earlier.

The Arizona pig crop for 1981 totaled 285,000 head, an increase of 1 percent from the 1980 number. The spring crop (December 1980 - May 1981) totaled 148,000 head, up 8 percent from the previous year. A total of 19,000 sows farrowed during the period with an average litter rate of 7.8 pigs. The fall pig crop (June - November 1981) was 137,000, down 5 percent from last year. A total of 18,000 sows farrowed averaging 7.6 pigs per litter.

The value of all Arizona hogs and pigs as of December 1, 1981 was $12,665,000,up 7 percent from December 1, 1980. The average value per animal was $74.50, an increase of 13 percent from last year's figure of $66.00.

Numerous obstacles prevented the expansion of Arizona's hog industry in 1981. Closing of the Cudahy slaughter plant in August, the only major hog slaughter plant in the state, presented the problem of locating a slaughter facility suitable to accomodate marketing needs. High production costs, especially interest rates, continued to plague operators throughout the year. Finally, the average price received for hogs and pigs during 1981 was $46.50, up from $41.20 during 1980, but still below the break-even level for many operators.

The year ended on a good note,however. December brought news that the Arizona Pork Producers Association would begin operation of a hog slaughter facility in Phoenix some time early in 1982. Also, the U.S. inventory of hogs and pigs at 58.7 million head was down 9 percent from the previous year and down 13 percent from December 1, 1979. The reduction in inventory and resulting decline in hog slaughter is expected to bring higher hog prices in 1982.

HOGS AND PIGS: Number on farms, Arizona, by counties, December 1, 1977-81

Year	Hogs & Pigs	Year	Hogs & Pigs	Year	Hogs & Pigs
	1,000 Head		1,000 Head		1,000 Head
COCHISE		GRAHAM		MARICOPA	
1977	16.0	1977	16.0	1977	10.5
1978	15.0	1978	24.0	1978	13.0
1979	19.0	1979	23.0	1979	12.0
1980	20.0	1980	31.0	1980	12.0
1981	18.0	1981	30.0	1981	10.0
NAVAJO		PIMA		PINAL	
1977	32.0	1977	9.0	1977	8.0
1978	44.0	1978	11.0	1978	18.0
1979	56.0	1979	11.5	1979	9.5
1980	70.0	1980	*	1980	11.0
1981	66.0	1981	*	1981	13.0
YUMA		OTHER COUNTIES 1/			
1977	7.5	1977	3.0		
1978	16.0	1978	3.0		
1979	16.0	1979	2.0		
1980	21.0	1980	15.0		
1981	16.0	1981	17.0		

1/ Includes estimates for counties not listed.
* Number too small to warrant quantitative estimate or not published to avoid disclosing individual operations. Hogs, if any, are included in "Other Counties."

HOGS: Inventory by classes, weight groups and farm value, Arizona, December 1, 1977-81

Year	Breeding	Market	Market Hogs and Pigs by Weight Group				All Hogs	Value	
			Under 60 Lbs.	60-119 Lbs.	120-179 Lbs.	180 Lbs. and Over		Per Head	Total
			1,000 Head					Dol.	1,000 Dol.
1977	13	89	29	22	18	20	102	55.50	5,661
1978	18	126	39	34	28	25	144	71.50	10,296
1979	19	130	52	27	26	25	149	59.50	8,866
1980	23	157	52	36	35	34	180	66.00	11,880
1981	21	149	57	33	33	26	170	74.50	12,665

PIG CROP: Sows farrowed, pigs per litter, pigs saved, Arizona, 1977-81

Year	Total Pig Crop		December through May			June through November		
	Sows Farrowed	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved	Sows Farrowed	Pigs Per Litter	Pigs Saved
	1,000	1,000	1,000		1,000	1,000		1,000
1977	23.0	181	12.0	7.8	94	11.0	7.9	87
1978	28.0	216	12.0	8.0	96	16.0	7.5	120
1979	31.0	242	16.0	7.8	125	15.0	7.8	117
1980	39.0	281	19.0	7.2	137	20.0	7.2	144
1981	37.0	285	19.0	7.8	148	18.0	7.6	137

Sheep Summary

The inventory of sheep and lambs on farms on January 1, 1982 totaled 377,000 head, up one percent from the previous year. The total inventory included 320,000 stock sheep, down 2 percent from 325,000 one year earlier.

Sheep and lambs on feed on January 1, 1982 totaled 57,000 head, up 21 percent from the previous year. This reversed the declining trend which began following a record high inventory of 130,000 in 1975.

WOOL PRODUCTION AND VALUE: Arizona, 1977-81

Year	All Sheep Shorn 1/	Weight Per Fleece	Shorn Wool Production	Average Price Per Pound	Value
	1,000 Head	Lbs.	1,000 Lbs.	Cents	1,000 Dol.
1977	344	7.0	2,423	58	1,405
1978	354	7.3	2,593	60	1,556
1979	350	7.2	2,511	69	1,733
1980	326	7.1	2,329	77	1,793
1981	325	7.4	2,417	78	1,885

1/ Includes fed sheep shorn.

SHEEP AND LAMBS: Arizona, by counties, January 1, 1978-82

Year	Stock Sheep And Lambs 1/	Sheep On Feed 2/	All Sheep And Lambs	New Crop Lambs	Year	Stock Sheep And Lambs 1/	Sheep On Feed 2/	All Sheep And Lambs	New Crop Lambs
	1,000 Head					1,000 Head			
APACHE					COCONINO				
1978	114		114	8	1978	60		60	4
1979	116		116	5	1979	60		60	4
1980	105		105	5	1980	58		58	4
1981	105		105	5	1981	60		60	4
1982	105		105	5	1982	58		58	4
MARICOPA					NAVAJO				
1978	70	33	103	43	1978	55		55	4
1979	70	51	121	32	1979	52		52	3
1980	72	36	108	30	1980	50		50	3
1981	68	27	95	35	1981	52		52	3
1982	64	31	95	32	1982	50		50	3
PINAL					YUMA				
1978	19	19	38	12	1978	22	8	30	10
1979	19	21	40	7	1979	23	13	36	5
1980	19	15	34	7	1980	21	9	30	5
1981	19	13	32	8	1981	21	7	28	5
1982	19	10	29	8	1982	20	16	36	8
OTHER 1/									
1978									
1979									
1980									
1981									
1982	4		4						

1/ Excludes new crop lambs (those born after September 30 the previous year and on hand January 1).
2/ Includes sheep and lambs being fattened for slaughter market on grain, other concentrates, or succulent pastures. Excludes stock sheep and lambs and new crop lambs.
3/ Prior to 1982 numbers were too small to warrant quantitative estimates.

SHEEP: By classes, farm value and lamb crop, Arizona, January 1, 1978-82

Year	Stock Sheep & Lambs 1/		Sheep On Feed 2/	All Sheep And Lambs	Farm Value		Lamb Crop	
	Ewes	Rams and Wethers			Per Head	Total	Breeding Ewes Jan.1	Lambs Saved
	1,000 Head				Dollars	1,000 Dol.	1,000 Head	
1978	311	29	88	428	43.00	17,260	290	191
1979	313	27	85	425	57.50	24,447	270	215
1980	295	30	60	385	68.50	26,373	240	200
1981	296	29	47	372	54.50	20,274	240	210
1982	289	31	57	377	68.00	25,636	235	3/

1/ Ewes, rams and wethers of all ages excluding new crop lambs.
2/ Excludes stock sheep and lambs and new crop lambs.
3/ Not available until lambing is complete.

Livestock Slaughter Summary

Commercial slaughter in Arizona for 1981 totaled 272 million pounds dressed weight, up 2 percent from 1980. The first few months of the year showed monthly slaughter totals above 1980 levels until August when the Cudahy slaughter plant in Phoenix closed. The closing of this plant significantly reduced hog slaughter since it was the only major hog slaughter facility in the State.

Total livestock slaughter was further reduced with the closing of the Southwest Beef, Inc. slaughter plant in November 1981. This brought the slaughter total for December down to 64 percent below the December 1980 level.

Slaughter volume should recover in 1982. The Arizona Pork Producers Association began operation of a hog slaughter facility in early 1982. In addition, The Southwest Beef, Inc. facility is scheduled to be reopened under new management sometime during the year.

RED MEAT PRODUCTION: 1/ Arizona, January - December, 1977-1981

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
						1,000 Pounds							
1977	29,212	27,617	30,705	25,979	25,951	27,523	23,913	20,635	16,586	16,321	16,143	15,885	276,470
1978	16,833	15,089	16,431	15,709	16,977	16,114	14,671	15,526	15,848	17,699	17,959	15,593	194,449
1979	18,444	15,636	15,891	15,170	16,813	16,621	16,499	18,044	14,585	17,527	17,026	16,598	198,854
1980	19,744	18,043	16,214	17,372	17,297	20,243	27,538	25,445	27,917	29,872	22,720	25,384	267,789
1981	25,260	22,582	27,588	26,405	27,855	29,838	29,588	25,347	21,154	18,421	9,197	9,111	272,347

1/ Includes total beef, veal, pork, and lamb and mutton, excluding farm slaughter.

COMMERCIAL CATTLE SLAUGHTER: Number, average and total liveweight, Arizona, 1977-81

Year	Cattle			Calves			Total		
	Number	Weight Per Head	Total Liveweight	Number	Weight Per Head	Total Liveweight	Number	Weight Per Head	Total Liveweight
		Lbs.	1,000 Lbs.		Lbs.	1,000 Lbs.		Lbs.	1,000 Lbs.
1977	412,100	1,010	416,220	12,800	178	2,283	424,900	985	418,509
1978	279,500	1,004	280,576	6,400	150	969	285,900	985	281,545
1979	264,700	1,032	273,151	2,500	183	458	267,200	1,024	273,609
1980	357,600	1,026	366,757	1,900	178	345	359,500	1,021	367,102
1981	384,800	1,037	399,042	3,500	93	328	388,300	1,029	399,370

COMMERCIAL HOG SLAUGHTER: Number, average and total liveweight, Arizona, 1977-81

Year	Number	Weight Per Head	Total Liveweight
		Lbs.	1,000 Lbs.
1977	179,800	224	40,191
1978	182,500	229	41,778
1979	225,900	225	50,929
1980	264,100	224	59,141
1981	159,500	223	35,577

COMMERCIAL SHEEP SLAUGHTER: Number, average and total liveweight, Arizona, 1977-81

Year	Number	Weight Per Head	Total Liveweight
		Lbs.	1,000 Lbs.
1977	1,500	103	151
1978	1,300	101	134
1979	1,700	97	161
1980	2,000	101	199
1981	2,200	107	233

Poultry Summary

In the last 14 years, egg production in Arizona has continued a steady decline from the peak production of 244 million eggs in 1968. By 1980, egg production had fallen to 115 million eggs or less than half of the peak production.

Total eggs produced in Arizona for 1981 totaled 98 million, down 15 percent from 1980. The average number of layers during the year was 400,000, down 11 percent from a year earlier. The average number of eggs produced per layer was 245, down from 256 in 1980.

The total inventory of chicks on farms,excluding commercial broilers, was 530,000 on December 1, 1981, down 4 percent from 550,000 a year earlier. Hens and pullets of laying age accounted for 480,000 birds, up from 460,000 on December 1, 1980.

CHICKENS ON FARMS: Inventory by classes, Arizona, December 1, 1977-81 1/

Year	All Chickens	Hens & Pullets of laying age			Pullets 3 Months + & not of laying age	Pullets Under Three Months	Other Chickens
		Hens 1+	Pullets	Total			
				1,000 Birds			
1977	565	257	281	538	17	7	3
1978	650	366	216	582	57	6	5
1979	580	308	180	488	67	16	9
1980	550	285	175	460	65	15	10
1981	530	245	235	480	35	7	8

1/ Does not include commercial broilers. January 1 for years 1977-81.

EGG PRODUCTION: Arizona, 1977-81

Year	Average Number Layers on hand During Year	Eggs per Layer Per Year	Total Eggs Produced
	1,000 Layers	Eggs	Million Eggs
1977	642	218	140
1978	573	236	135
1979	557	250	139
1980	449	256	115
1981	400	245	98

Honey & Beeswax Summary

Cool, rainy weather in early 1981 reduced the desert and citrus honey production substantially. Honey production from alfalfa and cotton was good until pesticide applications began three weeks earlier than normal because of the damaging insect buildup. The large population of damaging insects also prompted growers to switch from synthetic pyrethroids to organophosphate pesticides which is more damaging to bee colonies. The combination of erratic weather and bee kills from pesticides reduced the yield per colony to 53 pounds, down 21 percent from 1980. Number of colonies, at 64,000 was 4 percent below last year. The reduction in colonies can be attributed to bee kills, higher production costs and a flooded honey market. Total honey production for 1981 was 3,392,000 pounds with a value of $1,900,000. Beeswax production, at 58,000 pounds, had a value of $109,000.

HONEY AND BEESWAX: Number of colonies, yield, production and value, Arizona, 1977-81

Year	Colonies of Bees 1/	Honey Yield Per Colony	Honey		Beeswax	
			Production	Value	Production	Value
	1,000 Colonies	Lbs.	1,000 Lbs.	1,000 Dol.	1,000 Lbs.	1,000 Dol.
1977	60	47	2,820	1,187	45	62
1978	60	45	2,700	1,204	46	72
1979	65	58	3,770	1,874	38	65
1980	67	67	3,819	2,074	76	131
1981	64	53	3,392	1,900	58	109

1/ Number of colonies on hand at the beginning of the main honey flow.

PESTICIDE SALES 1/: By type, Arizona, 1976-80

Pesticide Type	1976	1977	1978	1979	1980
			1,000 Lbs. Technical Material		
INSECTICIDES					
Organochlorines	981	2,637	1,312	315	403
Carbamates	274	857	609	542	575
Organophosphates	1,806	4,534	3,887	1,695	1,960
Formamidines	162	--	255	291	273
Other	1,655	1,378	2,237	1,327	3,122
TOTAL	4,878	9,406	8,300	4,170	6,333
HERBICIDES					
Dinoseb	137	129	187	335	272
EPTC	152	130	136	249	170
Glyphosate	33	89	111	143	186
MSMA	81	135	149	89	67
Prometryn	87	131	128	160	164
Propham	25	137	8	19	51
Trifluralin	78	73	117	223	181
Other	567	576	722	1,032	730
TOTAL	1,160	1,399	1,558	2,250	1,821
FUNGICIDES					
Maneb	13	36	58	154	120
PCNB	14	25	25	19	14
Zinc Coposil	19	49	6	5	15
Other	36	88	138	189	263
TOTAL	82	198	227	367	412
DEFOLIANTS - DESSICANTS					
Arsenic Acid	36	50	42	119	124
DEF	135	229	230	166	171
Folex	45	123	97	89	124
Sodium Chlorate	1,273	1,890	1,326	1,239	1,528
Other	--	174	36	144	62
TOTAL	1,489	2,466	1,731	1,757	2,009
FUMIGANTS					
D-D	96	282	319	380	596
Dibromochloropropane	146	422	128	496	1/
Dichloropropene	111	28	65	154	292
Methyl Bromide	24	16	42	22	16
Other	3	13	72	11	22
TOTAL	380	761	626	1,063	926

1/ DBCP was cancelled for all uses except for pineapples in Hawaii.
Source: Council for Environmental Studies, College of Agriculture, The University of Arizona.

FERTILIZER CONSUMPTION: Arizona, 1977-81

Pertilizer and Nutrients	1977	1978	1979	1980	1981
			Tons		
COMMERCIAL FERTILIZER					
Liquid Commercial Pertilizer	170,096	165,095	208,612	216,229	231,252
Mixed Commercial Pertilizer, dry	69,293	61,584	89,981	79,169	71,470
Urea	40,687	28,968	37,884	32,673	32,162
Ammonium Nitrate	4,064	3,749	7,657	3,785	4,101
Ammonium Sulfate	10,539	9,895	9,777	7,445	6,786
Superphosphate, Normal	690	524	672	--	--
Superphosphate, Treble	2,607	2,937	2,732	3,512	2,608
Potassium Sulfate and/or Chloride	473	570	981	242	545
Calcium Nitrate	--	1,389	1,783	760	737
Miscellaneous, Dry	2,212	1,998	1,016	1,862	6,712
TOTAL	300,661	276,709	361,095	345,677	356,323
Available N	97,926	90,445	113,549	118,366	119,783
Available P_2O_5	31,407	28,788	36,793	28,300	28,390
Available K_2O	1,222	1,060	1,038	924	1,449

Source: Arizona State Chemist.

LAND OWNERSHIP AND ADMINISTRATION: Arizona, by counties

County	Forest Service	Bureau of Land Management	State of Arizona	Indian Reservation	Individual or Corporate	Other 1/	Total
	Percent In Each Ownership Within County						1,000 Acres
Apache	7	2	10	62	17	2	7,151
Cochise	13	7	36	-	41	3	4,004
Coconino	28	5	9	37	14	7	11,887
Gila	56	2	1	38	3	2/	3,040
Graham	13	26	17	34	10	-	2,950
Greenlee	65	14	12	-	9	-	1,199
Maricopa	12	31	10	5	27	15	5,905
Mohave	2/	51	6	7	19	17	8,486
Navajo	8	2	5	66	19	2/	6,343
Pima	7	6	16	42	14	15	5,914
Pinal	7	16	36	16	25	-	3,442
Santa Cruz	57	-	6	-	37	-	797
Yavapai	39	11	27	2/	23	2/	5,179
Yuma	-	35	7	4	8	46	6,391
TOTAL	16	17	13	26	18	10	72,688

1/ Includes land administered by National Park Service, Department of Defense, Bureau of Sport Fisheries and Wildlife, Bureau of Reclamation and other miscellaneous public land. (County, State and Federal)
2/ Less than 0.5%
Source: Arizona Selected Land Resource Data, December 1970.

RESERVOIR STORAGE: Arizona, March 1, 1977-1982

Basin or Stream	Reservoir	Usable Capacity	Usable Storage					
			1977	1978	1979	1980	1981	1982
			Thousand Acre Feet					
GILA RIVER DRAINAGE								
Agua Fria	Lake Pleasant	157.6	32.7	59.6	157.6	155.7	103.5	68.8
Granite	Watson Lake	4.7	2.3	4.4	4.6	4.6	1.9	4.6
Granite	Willow Creek	6.1	1.2	1.9	6.1	6.1	0.8	2.2
Gila	San Carlos	945.0	11.8	53.3	975.0	1,089.0	645.0	265.0
Verde	Bartlett & Horseshoe	309.6	35.2	188.7	258.9	211.1	53.7	201.0
Salt	Roosevelt, Apache, Canyon & Saguaro	1,709.0	949.5	701.6	1,624.0	1,485.0	1,406.0	1,206.0
COLORADO RIVER DRAINAGE								
Colorado	Lake Havasu	619.4	553.5	558.1	528.1	497.8	553.7	559.0
Colorado	Lake Mohave	1,810.0	1,671.0	1,647.1	1,657.0	1,681.0	1,706.0	1,632.0
Colorado	Lake Mead	26,159.0	21,844.0	21,169.0	23,297.0	23,520.0	23,547.0	23,248.0
Colorado	Lake Powell	25,002.0	17,985.0	14,531.0	15,126.0	21,080.0	21,645.0	19,486.0
Little Colorado	Lyman	30.6	15.4	6.1	11.6	26.0	23.4	1/
Little Colorado	Show Low Lake	5.1	0.8	0.8	5.1	5.1	0.6	0.8

WATER SUPPLY: March-May forecasts show that stream flow in Arizona will be closer to normal than earlier forecasts indicated. This is the result of improved moisture conditions during January and February. The Verde River is forecast to produce 124% of average flow for the March-May period. The Salt River is forecast at 87% of average and Tonto Creek at 91%. Forecasts on the Gila River are for 74% of average flow at Solomon, 78% at Virden, and 85% at Gila. The San Francisco River is expected to be around 78% of average. The upper Little Colorado River is also forecast at near 70% of average.

SNOW COVER: The snowpack remains above average in Arizona. Warm storms in mid-February brought rain to elevations below 7,000 feet. This, coupled with above average temperaturcs in the last half of February, melted most of the snow below 7,000 feet. Snotel sites between 7,200 feet and 7,600 feet elevation still have snow cover but are showing water discharge from the pack. Snotel sites above 7,600 feet generally indicate little loss of snowpack water as of March 1. The March 1 snowpack is 221% of average on the Verde Watershed and melting. Snowpack water is 126% of average on the Salt River with little melt loss indicated above 7,600 feet elevation. The upper Little Colorado River snowpack is 128% of average and on the Gila-San Francisco drainage it is 103% of average.

PRECIPITATION: February precipitation was above average over the entire watershed of central Arizona. Storms brought rain to the lower watersheds and added snow to the higher elevations. There have now been two straight months of above average precipitation. The rain of mid-February produced high runoff particularly on the Verde River.

STREAMFLOW: February streamflow was above average on streams entering the Salt River Project. Inflow to the Salt River Project system was 234,000 acre feet. Runoff was near average on the upper Gila, but below average on the San Francisco River. Streamflow on the Gila at Solomon was below average.

RESERVOIR STORAGE: Water in storage at all major reservoirs or reservoir systems is near average for March 1. Salt River Project reports a total storage of 1,407,000 acre feet which is 70% of capacity. Current storage in San Carlos reservoir is 265,000 acre feet or 28% of capacity. Lake Pleasant is 44% full with 69,000 acre feet. Four major Colorado River reservoirs have a combined storage of 44,925,000 acre feet which is 84% of capacity.

1/ Not available.
Source: U.S. Department of Agriculture, Soil Conservation Service.

MEAN MONTHLY TEMPERATURE, °F: Arizona, 1981 and Long-Term Average 1/

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Casa Grande	55.9	57.4	60.0	71.7	76.7	89.1	92.0	90.9	84.2	70.1	60.8	M	73.5
	50.6	54.9	59.7	67.7	76.2	84.8	91.1	88.9	83.6	72.1	59.5	51.8	70.1
Douglas	47.5	51.0	52.2	63.1	68.6	80.0	79.0	78.1	74.3	64.1	55.7	48.6	63.6
	45.7	49.0	53.7	61.6	68.9	77.9	81.0	79.1	74.9	65.2	53.6	46.8	63.1
Flagstaff	36.2	36.3	36.6	48.5	52.1	66.1	68.2	65.4	58.7	46.7	41.8	36.4	49.4
	27.9	30.5	34.2	42.1	50.1	58.2	65.6	63.6	57.5	47.0	36.4	29.8	45.3
Ft. Huachuca	48.8	52.8	52.5	63.8	67.3	79.7	77.1	77.0	72.9	M	M	54.6	64.7
	46.4	49.8	54.6	61.7	69.7	77.8	78.5	76.2	73.2	65.3	54.8	48.2	63.0
Gila Bend	59.2	60.6	63.0	73.9	79.0	92.6	95.7	95.5	88.3	72.3	65.3	57.2	75.2
	52.6	56.5	61.4	69.5	77.9	85.9	93.1	91.5	85.8	74.7	61.6	54.0	72.0
Grand Canyon	35.4	34.9	37.4	47.1	52.5	64.6	67.2	65.5	59.0	46.1	41.0	35.8	48.9
	30.5	33.3	37.6	45.8	54.5	63.3	69.4	67.1	61.7	51.0	39.2	32.2	48.8
Kingman	48.3	48.2	49.8	62.1	68.1	82.7	85.4	82.9	76.2	60.2	55.1	48.7	64.0
	43.4	46.8	51.5	58.8	66.0	75.3	82.1	80.0	74.1	62.8	52.0	44.2	61.4
McNary	37.2	36.4	35.2	48.5	52.9	64.4	66.1	64.5	59.6	49.3	43.3	36.7	49.5
	30.3	32.3	35.9	43.9	51.4	59.4	64.8	62.9	58.0	49.0	38.5	32.3	46.6
Parker	58.9	59.8	64.1	75.6	79.8	93.6	96.4	96.0	88.6	71.6	64.1	56.0	75.4
	52.4	57.3	62.5	70.3	78.6	86.4	93.7	92.4	86.4	74.6	61.2	53.2	72.4
Payson	42.5	43.9	45.6	56.8	60.6	72.9	75.7	74.8	68.0	55.1	48.6	42.1	57.2
	36.2	38.8	42.5	49.4	56.6	65.3	73.7	71.4	65.7	55.0	43.6	37.4	53.0
Phoenix	59.2	61.4	63.8	76.0	80.5	93.4	95.2	95.8	89.2	73.6	66.1	58.6	76.1
	51.2	55.1	59.7	67.7	76.3	84.6	91.2	89.1	83.8	72.2	59.8	52.5	70.3
Prescott	41.3	41.5	41.9	52.9	57.4	70.9	73.7	71.3	64.7	51.7	47.3	41.3	54.7
	37.1	40.5	44.3	52.0	60.4	69.1	75.5	73.0	68.1	57.2	45.8	38.6	55.1
Safford	47.8	50.6	53.3	65.0	71.5	82.7	83.3	81.9	76.4	64.5	55.0	46.8	64.9
	44.9	49.2	54.2	62.8	71.0	80.0	85.0	82.3	77.1	66.0	53.3	45.9	64.3
Tucson	54.8	57.1	57.1	69.1	73.4	86.1	85.2	86.4	80.7	68.1	62.2	55.0	69.6
	51.1	53.7	57.9	65.8	73.9	82.6	86.5	84.2	80.7	70.6	59.0	52.2	68.2
Willcox	45.7	49.0	51.6	62.7	66.7	78.1	80.1	77.2	72.4	61.1	52.3	46.3	61.9
	41.5	44.8	49.5	57.0	64.8	73.6	78.9	76.3	71.4	[illegible].5	48.8	42.0	59.1
Window Rock	34.2	32.6	35.7	46.7	53.1	70.7	M	66.0	M	M	M	35.7	46.9
	27.6	31.9	37.9	45.8	54.3	63.5	69.1	67.3	59.9	48.8	37.5	28.9	47.7
Winslow	39.4	41.8	45.2	57.4	62.8	76.2	78.5	75.9	68.5	55.7	47.2	39.0	57.3
	32.6	39.1	44.8	53.7	62.7	71.8	78.3	76.1	69.5	57.3	43.2	33.8	55.2
Yuma	61.9	63.4	65.5	74.8	79.8	92.7	95.2	95.5	89.6	73.8	68.3	61.2	76.8
	55.4	59.4	63.9	71.2	78.7	85.8	93.7	92.8	87.1	75.9	63.5	56.3	73.6

1/ Top row 1981, bottom row long-term average
M--Missing

Source: National Oceanic and Atmosphere Administration.

TOTAL PRECIPITATION, INCHES: Arizona, 1981 and Long-Term Average 1/

Stations	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Casa Grande	.96	.73	1.05	.05	.18	.15	.70	.46	.04	.28	.73	M	5.33
	.76	.67	.69	.35	.11	.16	.95	1.56	.70	.63	.56	.88	8.02
Douglas	1.62	.76	1.23	.65	.04	2.14	2.61	.32	1.94	M	M	M	11.31
	.71	.37	.56	.23	.09	.44	3.56	3.08	1.17	.55	.35	.71	11.82
Flagstaff	1.31	1.16	4.04	1.50	.72	1.09	2.87	3.73	2.54	1.81	2.43	.17	23.37
	1.89	1.47	1.83	1.33	.56	.57	2.48	2.65	1.68	1.37	1.33	2.15	19.31
Ft. Huachuca	1.62	.53	2.21	.77	.64	1.13	4.22	2.09	2.62	1.05	.36	M	17.24
	1.40	1.28	1.08	.45	.30	.80	3.95	3.83	1.57	.58	1.00	1.20	17.44
Gila Bend	.95	.43	.73	.26	.09	.00	.38	.61	.24	.34	.35	M	4.38
	.62	.44	.65	.30	.10	.04	.76	1.08	.50	.33	.35	.59	5.76
Grand Canyon	.52	.85	2.73	1.07	1.07	.73	3.76	3.25	3.16	1.59	1.14	.30	20.17
	1.35	1.28	1.47	1.00	.54	.48	1.50	2.11	1.21	1.07	.82	1.59	14.42
Kingman	.11	.90	2.57	.20	.17	.00	.16	.97	.30	1.04	.46	T	6.88
	1.36	.79	1.07	.57	.27	.15	.99	1.51	.61	.67	.58	.82	9.39
McNary	.78	2.59	5.57	1.87	.60	.28	3.69	3.27	1.68	1.01	2.17	.14	23.65
	2.30	1.68	2.56	1.30	.56	.58	3.45	3.95	2.15	2.05	1.57	2.75	24.90
Parker	.02	.38	.99	T	.05	.00	1.13	.51	.27	1.10	.78	M	5.23
	.53	.32	.52	.22	.03	.01	.30	.56	.26	.29	.32	.46	3.82
Payson	.55	1.25	2.67	1.23	1.12	.82	2.90	2.70	1.37	2.41	2.55	.12	19.69
	2.03	1.48	1.85	1.03	.47	.42	2.52	3.48	2.01	1.48	1.41	2.17	20.35
Phoenix	.71	1.08	.98	.20	.03	T	1.14	.11	.18	1.34	.95	.82	7.54
	.71	.60	.76	.32	.14	.12	.75	1.22	.69	.46	.46	.82	7.05
Prescott	.67	.64	2.78	.65	.85	.50	3.65	2.87	1.61	1.36	2.59	.06	18.23
	1.70	1.36	1.36	.92	.35	.42	3.14	3.38	1.44	.99	1.17	1.81	18.04
Safford	.82	.48	1.42	.11	.54	.33	1.34	1.38	.78	.21	.37	T	7.78
	.69	.41	.59	.24	.08	.21	1.90	1.44	1.12	.61	.35	.79	8.43
Tucson	1.29	.71	1.98	.56	.26	.16	6.17	.80	1.10	.06	.61	M	13.70
	.77	.70	.64	.35	.14	.20	2.38	2.34	1.37	.66	.56	.94	11.05
Willcox	.91	.49	.90	.05	.07	1.07	2.51	.71	.94	.35	.26	M	8.26
	.78	.57	.59	.27	.13	.43	2.60	2.66	1.18	.59	.39	1.00	11.19
Window Rock	.25	.44	1.05	.45	.24	.64	2.43	.85	M	M	M	M	6.35
	.90	.94	.86	.66	.57	.51	2.06	2.26	1.25	.93	.70	.96	12.60
Winslow	.68	.45	.30	.29	.70	.80	1.71	1.80	.53	1.11	.75	T	8.82
	.42	.38	.44	.36	.28	.28	1.18	1.50	.85	.69	.36	.59	7.33
Yuma	.20	.10	.69	.01	.05	.00	.03	.32	.04	.00	.57	M	2.01
	.38	.27	.21	.11	.03	.00	.18	.44	.22	.27	.22	.34	2.67

1/ Top row 1981, bottom row long-term average.
M--Missing
T--Trace
Source: National Oceanic and Atmosphere Administration.

FROST DATES: Last 32° temperature in Spring and first in Fall, Arizona, 1978-81

Year	Last In Spring	First In Fall	Last In Spring	First In Fall	Last In Spring	First In Fall
	Buckeye		Casa Grande		Chandler	
1978	Feb. 19	Dec. 3	Feb. 21	1/	1/	Nov. 25
1979	Feb. 6	Nov. 20	Apr. 11	Nov. 12	Mar. 18	Nov. 19
1980	Feb. 12	Nov. 19	Feb. 15	Nov. 25	Mar. 7	Nov. 19
1981	Feb. 6	Dec. 23	Feb. 8	Nov. 20	Feb. 7	Nov. 26
	Douglas		Gila Bend		Kingman	
1978	Apr. 18	Oct. 23	1/	Dec. 7	May 6	Nov. 12
1979	Apr. 11	Oct. 22	Feb. 6	Nov. 21	May 9	Nov. 20
1980	Apr. 15	Oct. 16	1/	1/	Apr. 3	Nov. 17
1981	Apr. 4	Nov. 1	Feb. 1	Dec. 23	Mar. 14	Nov. 26
	McNary		Parker		Payson	
1978	June 6	Oct. 11	1/	Dec. 7	May 8	Oct. 27
1979	June 19	Oct. 12	Jan. 30	Dec. 13	May 11	Oct. 22
1980	June 2	Oct. 15	1/	1/	May 25	Oct. 16
1981	May 22	Oct. 5	Feb. 5	1/	Apr. 9	Oct. 16
	Phoenix		Prescott		Safford	
1978	1/	Dec. 7	May 26	Sept.19	Apr. 9	Nov. 16
1979	Jan. 31	Nov. 21	May 11	Oct. 22	Apr. 11	Oct. 31
1980	1/	1/	May 29	Oct. 16	Apr. 14	Oct. 17
1981	1/	1/	May 17	Oct. 13	Mar. 28	Oct. 31
	Tucson		Willcox		Williams	
1978	Feb. 20	Dec. 3	Apr. 18	Nov. 16	May 26	Sept.19
1979	Feb. 7	Nov. 20	May 10	Oct. 31	June 5	Oct. 19
1980	1/	Nov. 27	Apr. 15	Oct. 17	May 30	Oct. 15
1981	Feb. 2	Dec. 23	Apr. 4	Oct. 14	May 17	Oct. 14
	Yuma Valley					
1978	1/	Dec. 3				
1979	Feb. 6	Nov. 20				
1980	1/	1/				
1981	Feb. 1	Dec. 23				

1/ No low temperature of 32° or less.
Source: National Oceanic and Atmospheric Administration.

AVERAGE COST OF IRRIGATION ENERGY: Arizona, January 1, July 1, 1977-81

Year	ELECTRIC		FUEL ADJUSTMENT		NATURAL GAS		FUEL ADJUSTMENT	
	Jan.	July	Jan.	July	Jan.	July	Jan.	July
	Cents per KWH 1/		Cents per KWH		Cents per Therm 1/		Cents per Therm	
1977	2.89	3.19	-0.280	0.230	19.33	16.68	4.12	3.26
1978	3.47	3.15	0.840	-0.130	25.02	19.50	6.05	7.02
1979	3.96	3.78	0.100	0.300	19.78	25.80	3.64	9.39
1980	4.31	4.31	0.600	0.530	26.30	29.66	9.39	9.39
1981	4.26	4.04	0.600	0.530	30.41	29.70	9.39	7.16

1/ Includes fuel adjustment.
Source: Ron Walker, Arizona Public Service
Definitions: 1 KWH equals 1,000 watts operating for 1 full hour
1 KW equals 1,000 watts.
1 HP equals 746 watts.
.746 KWH equals 1 HP operating for 1 full hour.
1 Therm equals that unit of gas having 100,000 BTU's(British Thermal Unit) of heating value.

MOTOR FUELS: Prices paid, Arizona, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	DIESEL FUEL Price Per Gallon											
1977	.450	.450	.450	.460	.450	.460	.460	.460	.460	.460	.460	.460
1978	.470	.480	.500	.450	.480	.500	.480	.450	.460	.460	.460	.480
1979	.480	.490	.540	.550	.640	.640	.670	.790	.800	.830	.800	.790
1980	.850	.950	1.030	1.030	1.100	1.050	1.060	.970	1.010	1.050	1.050	1.080
1981	1.090	1.130	1.160	1.120	1.180	1.180	1.180	1.180	1.240	1.170	1.170	1.200
	GASOLINE, REGULAR, BULK DELIVERY Price Per Gallon											
1977	.570	.580	.590	.570	.590	.590	.600	.590	.590	.590	.580	.580
1978	.590	.560	.580	.600	.610	.600	.630	.650	.630	.650	.660	.660
1979	.640	.620	.690	.730	.700	.780	.820	.850	.880	.930	.920	.940
1980	.970	1.090	1.120	1.160	1.170	1.170	1.140	1.160	1.150	1.170	1.170	1.140
1981	1.140	1.290	1.320	1.290	1.310	1.290	1.310	1.310	1.340	1.290	1.290	1.280
	GASOLINE, UNLEADED, SERVICE STATION Price Per Gallon 1/											
1978	.660	.640	.660	.640	.650	.660	.680	.670	.680	.690	.670	.680
1979	.690	.720	.760	.830	.870	.910	.940	.960	.980	.990	1.000	1.020
1980	1.140	1.210	1.220	1.240	1.230	1.230	1.250	1.280	1.310	1.220	1.240	1.220
1981	1.230	1.380	1.410	1.360	1.400	1.370	1.370	1.380	1.400	1.380	1.380	1.360

1/ Unleaded fuel category initiated January 1978.

FIELD CROPS: Monthly prices received by growers, Arizona, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Season Average
COTTON, UPLAND Cents Per Pound													
1977	69.5	64.4	67.1	69.2	67.4	58.7	58.0	52.0	64.0	63.4	60.2	56.6	56.4
1978	53.1	53.3	56.9	45.9	59.3	57.0	55.0	55.9	56.7	61.0	59.8	59.0	57.4
1979	59.2	57.0	47.4	51.5	59.0	60.7	60.2	53.8	64.5	63.9	64.2	68.7	68.1
1980	68.8	73.1	70.2	63.6	75.0	77.0	79.0	81.0	91.9	73.2	74.9	80.4	74.2
1981 2/	79.0	78.5	76.2	69.2	71.8	70.8	70.2	62.9	58.9	63.6	62.9	54.6	
ALFALFA HAY Dollars Per Ton 1/													
1977	72.00	66.00	69.00	74.50	71.50	71.50	70.00	64.00	55.00	50.00	60.50	65.50	
1978	63.00	63.00	65.00	67.00	61.00	60.50	61.50	59.00	59.00	55.00	58.00	57.50	
1979	61.00	66.00	68.00	75.00	80.00	81.00	80.00	76.00	82.50	80.00	89.00	90.00	
1980	107.00	107.00	95.00	90.00	84.00	77.00	66.50	72.50	77.50	84.50	89.50	94.00	
1981 2/	96.00	98.00	94.00	92.50	83.00	73.50	70.50	66.00	63.00	67.00	75.00	78.00	
DURUM WHEAT Dollars Per Ton													
1977	102.30	94.30	--	--	87.70	86.70	89.30	65.00	--	--	--	82.00	91.30
1978	--	--	100.00	100.00	85.00	96.00	100.00	101.70	104.00	--	108.00	104.00	94.70
1979	104.00	--	99.30	111.00	109.00	127.00	136.00	146.00	130.00	142.70	--	--	128.00
1980	--	131.30	--	137.00	133.00	139.70	131.00	137.00	164.30	--	--	--	141.70
1981 2/	180.00	180.00	170.00	148.00	165.00	159.70	155.00	142.00	136.70	123.00	120.00	120.70	
OTHER WHEAT Dollars Per Ton													
1977	95.70	94.70	--	--	87.70	89.30	84.30	65.00	--	--	--	--	86.70
1978	85.30	88.00	--	--	96.30	100.30	105.30	104.00	104.00	--	108.00	--	104.00
1979	107.00	--	107.00	120.70	113.00	116.00	131.30	125.70	130.00	135.70	--	120.00	115.00
1980	133.00	121.00	113.70	112.00	120.30	120.70	111.30	131.30	140.00	142.00	146.30	134.30	126.70
1981 2/	143.70	148.30	143.00	140.30	131.00	122.70	127.00	133.30	138.30	132.00	140.70	140.70	
ALL WHEAT Dollars Per Ton													
1977	100.70	94.30	--	--	87.30	89.00	88.00	65.00	--	--	--	82.00	86.70
1978	90.30	91.70	100.00	100.00	87.00	99.30	101.00	102.30	104.00	--	108.00	104.00	97.70
1979	106.00	--	100.30	120.00	112.70	121.00	133.00	140.00	130.00	143.30	139.70	120.00	125.70
1980	133.00	121.70	113.70	122.00	129.70	137.70	122.70	131.30	140.70	142.00	146.30	134.30	136.30
1981 2/	151.30	165.30	145.00	141.30	158.30	157.70	148.00	136.00	138.00	123.00	122.00	133.70	
BARLEY Dollars Per Ton													
1977	95.00	95.00	90.00	--	89.20	92.90	--	--	--	--	--	--	91.70
1978	87.50	84.20	91.30	103.80	95.00	102.10	100.00	110.00	103.80	--	--	--	100.00
1979	104.60	--	100.00	--	106.70	109.20	109.60	116.30	--	125.80	115.40	--	108.30
1980	--	127.10	--	102.90	111.70	108.80	106.70	130.00	127.10	--	155.80	142.90	110.40
1981 2/	155.80	--	--	137.50	145.80	143.30	139.60	110.00	--	--	--	132.50	
SORGHUM Dollars Per Ton													
1977	89.80	86.40	84.40	76.00	78.20	85.80	81.00	84.20	60.00	62.40	77.00	73.80	76.00
1978	73.80	74.40	74.40	--	--	--	--	--	85.00	93.40	85.60	95.40	93.60
1979	94.20	90.80	101.00	95.40	96.80	100.40	--	107.00	103.20	105.20	109.60	113.80	111.00
1980	113.00	112.40	111.60	113.00	113.00	106.80	140.20	138.00	131.00	128.20	135.20	137.20	133.00
1981 2/	136.00	--	--	--	--	125.00	125.60	100.00	100.40	95.20	96.60	110.60	

1/ Does not include green chop or grazed.
2/ Preliminary

ALL CATTLE: Monthly and annual average prices received by producers, Arizona, 1977-81

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual Average
ALL BEEF CATTLE - Dollars per cwt.													
1977	36.10	36.40	36.70	37.00	39.40	36.[illegible]	38.00	37.90	37.40	39.70	39.70	39.90	37.80
1978	42.20	44.00	48.00	51.00	53.60	55.20	53.60	51.20	52.30	52.20	48.40	54.10	50.80
1979	58.90	64.80	70.10	72.80	71.70	65.70	66.20	61.40	64.20	62.60	66.70	66.30	65.70
1980	62.60	67.60	67.70	65.30	65.60	66.50	67.20	68.10	64.20	63.60	62.40	60.80	65.10
1981	59.90	59.00	59.10	65.00	63.20	63.80	64.10	65.00	64.40	58.70	56.30	55.80	61.80
STEERS AND HEIFERS - Dollars per cwt.													
1977	38.20	37.50	37.50	38.10	40.70	38.70	39.10	39.00	38.30	41.10	41.40	41.20	39.10
1978	42.60	44.40	48.40	51.80	54.70	56.70	54.20	51.90	53.30	53.50	50.10	55.80	51.80
1979	61.20	66.90	72.70	75.60	74.80	68.90	69.80	64.50	67.30	65.30	70.30	69.40	68.70
1980	66.50	70.40	68.40	65.90	66.40	67.10	70.00	71.50	69.20	68.70	68.50	68.90	68.30
1981	66.60	64.60	62.40	67.10	65.90	67.10	65.50	66.60	67.40	63.40	62.00	60.80	65.30
CALVES - Dollars per cwt.													
1977	29.60	31.90	33.50	38.30	35.00	36.30	36.00	38.90	40.00	39.40	39.60	41.10	37.50
1978	45.30	45.00	52.50	55.90	60.90	62.30	59.00	61.50	64.70	67.20	66.60	72.20	61.60
1979	78.90	85.90	89.50	102.00	93.00	85.50	86.70	82.80	85.50	84.60	88.30	83.50	87.50
1980	82.50	84.50	81.90	73.30	70.10	72.70	72.00	72.50	73.50	74.20	71.20	69.20	74.60
1981	68.30	68.70	66.50	68.60	62.20	62.70	62.60	63.90	62.20	60.90	59.70	59.50	63.70
COWS - Dollars per cwt.													
1977	21.70	23.20	24.20	24.20	25.90	25.10	23.10	25.10	25.90	23.90	24.40	24.60	24.30
1978	29.00	31.40	33.80	36.60	38.50	35.30	39.00	35.00	38.50	39.40	37.30	40.20	37.20
1979	45.50	52.80	55.20	56.90	54.00	47.60	45.60	44.00	46.50	47.50	46.10	48.60	48.90
1980	47.40	51.40	49.20	45.40	41.70	43.80	43.40	46.40	46.00	45.20	42.10	42.40	45.50
1981	43.20	43.60	43.90	43.40	40.40	42.50	42.30	42.70	41.10	38.80	35.30	35.50	41.20

USUAL PLANTING AND HARVESTING DATES: By crops and principal producing areas, Arizona, 1981

Crop	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Counties
		Begins	Most Active	Ends	
BARLEY	Oct. 1 - Mar. 1	May 20	May 25 - June 30	July 15	Cochise, Graham, Maricopa Mohave, Pima, Pinal, Yuma
ALL CORN	Apr. 15 - June 1	Sept. 15	Oct. 10 - Nov. 1	Dec. 1	Apache, Cochise, Graham Maricopa, Navajo, Yavapai
ALL COTTON	Mar. 15 - Apr. 25	Sept. 15	Oct. 25 - Dec. 5	Jan. 15	Cochise, Graham, Greenlee Maricopa, Mohave, Pima
HAY, ALFALFA		Mar. 15		Dec. 1	Cochise, Graham, Maricopa Pinal, Yuma
SAFFLOWER	Dec. 1 - Feb. 1	July 5	July 15 - Aug. 10	Aug. 20	Maricopa, Pinal, Yuma
ALL SORGHUMS	May 1 - July 1	July 5	July 20 - Nov. 25	Dec. 15	Cochise, Graham, Maricopa Pima, Pinal, Yuma
SUGARBEETS					
Spring	Sept. 1 - Nov. 1	May 1	July 15	Aug. 1	Maricopa, Pinal, Yuma
ALL WHEAT	Nov. 15 - Feb. 1	May 20	May 25 - June 10	June 25	Cochise, Graham, Maricopa Mohave, Pima, Pinal, Yuma
BROCCOLI	Aug. 5 - Oct. 15	Nov. 1	Dec. 1 - Feb. 28	Mar. 20	Maricopa, Yuma
CANTALOUPS					
Spring	Feb. 1 - Apr. 15	May 20	June 10 - July 10	July 30	Maricopa, Yuma
Fall	July 15 - Sept. 10	Sept. 20	Nov. 1	Nov. 30	Maricopa, Yuma
CARROTS	Aug. 20 - Mar. 1	Oct. 10	Jan. 1 - June 30	July 30	Maricopa
CAULIFLOWER	Sept. 1 - Nov. 1	Dec. 5	Jan. 1 - Feb. 15	Mar. 30	Maricopa, Yuma
HONEYDEWS					
Spring	Mar. 1 - Apr. 15	June 15	July 1 - Aug. 1	Aug. 15	Maricopa, Yuma
Fall	July 15 - Sept. 15	Sept. 15	Oct. 15	Nov. 30	Maricopa, Yuma
LETTUCE, OTHER					
Other Spring	Nov. 1 - Feb. 15	Mar. 10	Apr. 15 - Apr. 25	June 20	Cochise, Maricopa, Pima Pinal
Other Fall	July 20 - Sept. 15	Sept. 15	Oct. 20 - Nov. 30	Dec. 15	Cochise, Maricopa, Pima Pinal
LETTUCE, YUMA	Aug. 15 - Dec. 1	Nov. 1	Dec. 1 - Mar. 31	Apr. 25	Yuma
DRY ONIONS	Oct. 12 - Dec. 5	May 1	May 20 - June 16	July 15	Maricopa, Yuma
POTATOES	Jan. 1 - Jan. 31	Apr. 15	May 15 - June 15	July 15	Maricopa
WATERMELONS					
Spring	Jan. 20 - Mar. 15	June 1	July 15	Aug. 1	Cochise, Maricopa, Pinal Yuma
Fall	July 15 - Sept. 10	Sept. 20	Nov. 1	Nov. 30	Cochise, Maricopa, Pinal Yuma

PRINCIPAL CROPS: Acreage harvested by counties and total State production, Arizona, 1980 Revised

Crop	State Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Cotton: Upland, acres harvested	549,000	*	26,800	*	*	11,700	750	227,800	5,950	*	17,900	150,100	*	*	108,000
Bales (480 lbs. net wt.)	1,354,000														
Cotton: American Pima, acres harvested	42,100	*	5,050	*	*	7,250	*	11,500	*	*	2,350	9,300	*	*	6,650
Bales (480 lbs. net wt.)	72,300														
Alfalfa: Acres cut for hay	165,000	1,600	10,000	500	400	7,500	1,000	55,000	3,200	5,000	2,000	15,000	1,300	2,500	60,000
Production, tons	1,155,000														
Other Hay: Acres cut for hay	30,000	3,000	800	800	300	1,000	*	9,000	500	1,500	500	3,000	600	2,000	7,000
Production, tons	105,000														
Other Wheat: Acres harvested for grain	60,000	*	1,800	1,500	*	4,600	1,000	9,000	3,700	800	300	15,000	400	900	21,000
Grain production, tons	144,000														
Durum Wheat: Acres harvested for grain	155,000	*	1,400	*	*	1,400	*	88,000	1,000	*	2,900	48,500	*	*	11,800
Grain production, tons	372,000														
Barley: Acres harvested for grain	50,000	*	900	*	*	2,000	*	16,000	800	300	2,000	22,000	*	*	6,000
Grain production, tons	108,000														
Corn: Acres harvested for grain	40,000	1,500	28,000	1,500	*	4,000	400	*	*	4,000	*	*	*	500	*
Grain production, tons	112,000														
Sorghum: Acres harvested for grain	26,000	400	6,200	*	*	3,000	500	3,400	900	700	1,800	5,900	*	200	3,000
Grain production, tons	54,600														
Sugarbeets: Acres harvested	9,100		*			*		3,200				5,600			200
Production, tons	208,000														
Safflower: Acres harvested	3,700							3,200				500			*
Production, tons	3,650														
Vegetables: Acres harvested	61,300		2,730					19,500	550		750	1,870		100	35,900
Production, commercial cwt.	13,170,000														
Grapefruit: Acres harvested	8,440							5,080			*	*			3,360
Production, ctns.	6,000,000														
Oranges 1/: Acres harvested	18,940							10,630			*	*			8,310
Production, ctns.	8,500,000														
Lemons: Acres harvested	20,260							2,150			*	*			18,110
Production, ctns.	6,100,000														
Other Crops 2/: Acres harvested	67,300	300	8,500	4,000	900	2,000	300	22,000	2,300	2,000	5,800	7,500	500	1,200	10,000
Total Acres Harvested 3/	1,306,140														

1/ Includes tangerines and tangerine types.
2/ Includes miscellaneous fruits, vegetables and field crops not listed above.
3/ Includes multiple crop acreage.
* Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.

PRINCIPAL CROPS: Acreage harvested by counties and total State production, Arizona, 1981 Preliminary

Crop	State Total	Apache	Cochise	Coconino	Gila	Graham	Greenlee	Maricopa	Mohave	Navajo	Pima	Pinal	Santa Cruz	Yavapai	Yuma
Cotton: Upland, acres harvested	599,000	*	35,200	*	*	16,500	900	239,400	6,500	*	19,800	153,600	*	*	127,400
Bales (480 lbs. net wt.)	1,556,000														
Cotton: American Pima, acres harvested	33,600	*	900	*	*	6,550	*	11,600	*	*	2,150	6,150	*	*	4,250
Bales (480 lbs. net wt.)	53,700														
Alfalfa: Acres cut for hay	160,000	1,900	10,500	500	100	6,000	900	51,000	4,000	4,800	1,400	13,500	1,500	2,900	61,000
Production, tons	1,120,000														
Other Hay: Acres cut for hay	30,000	2,000	1,000	600	500	900	200	7,500	500	1,600	500	2,500	1,000	2,200	9,000
Production, tons	9,600														
Other Wheat: Acres harvested for grain	43,000	*	1,800	800	*	2,800	800	5,700	500	700	600	9,500	300	600	18,900
Grain production, tons	107,070														
Durum Wheat: Acres harvested for grain	215,000	*	1,000	*	300	1,400	200	119,600	5,000	*	4,000	70,700	*	*	12,800
Grain production, tons	548,250														
Barley: Acres harvested for grain	43,000	*	800	*	500	2,000	*	16,500	500	300	1,000	18,000	*	*	3,000
Grain production, tons	98,040														
Corn: Acres harvested for grain	35,000	*	25,000	700	*	4,000	*	*	*	3,300	*	*	500	500	*
Grain production, tons	127,400														
Sorghum: Acres harvested for grain	26,000	900	4,800	*	*	2,900	700	3,000	1,500	800	2,400	6,000	*	*	2,800
Grain production, tons	60,420														
Sugarbeets: Acres harvested	12,600		*			*		4,250			400	5,700			2,250
Production, tons	300,000														
Safflower: Acres harvested	1,500							900				600			*
Production, tons	1,725														
Vegetables: Acres harvested	55,600		2,360					18,920	1,300		750	1,840		*	30,430
Production, commercial cwt.	14,034,000														
Grapefruit: Acres harvested	8,110							5,290			*	*			2,820
Production, ctns.	5,600,000														
Oranges 1/: Acres harvested	16,360							9,940			*	*			6,420
Production, ctns.	6,600,000														
Lemons: Acres harvested	19,180							2,150			*	*			17,030
Production, ctns.	14,000,000														
Other Crops 2/: Acres harvested	73,400	700	12,500	3,500	700	2,000	500	16,100	2,300	2,100	6,000	7,500	500	1,300	17,700
Total Acres Harvested 3/	1,371,350														

1/ Includes tangerines and tangerine types.
2/ Includes miscellaneous fruits, vegetables and field crops not listed above.
3/ Includes multiple crop acreage.
* Acres harvested too small to warrant quantitative estimate. Acres, if any, are included in State totals.